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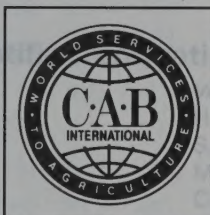
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Hosts	1	65	129	167	219	267	321	373	429	483	547	603
Man	1	65	129	167	219	267	321	373	429	483	547	603
Other primates	5	66	131	169	222	269	327	376	432	489	549	605
Ruminants, equines and pigs	5	67	131	169	222	269	327	376	432	489	549	605
Carnivores	6	70	133	170	224	272	328	379	434	491	551	607
Rodents, Insectivores and Lagomorphs ...	7	71	134	171	-	273	329	380	435	492	551	608
Other mammals	-	72	135	-	225	273	329	381	435	493	551	608
Birds	7	72	135	171	225	273	329	382	435	493	552	609
Amphibians and reptiles	8	73	-	172	226	273	330	-	-	493	553	-
Fish	8	73	135	172	226	273	330	382	436	493	553	609
Invertebrates	9	74	135	172	226	275	331	383	436	494	553	609
Mixed groups	9	75	-	172	227	275	331	383	437	494	553	-
Plants	-	-	136	-	-	-	-	-	-	-	554	-
General reviews	9	75	136	172	227	275	331	383	437	494	554	611
Economic Aspects	-	76	136	173	-	276	332	-	-	495	-	611
Associations	10	76	137	173	227	277	332	384	438	495	554	611
Opportunistic Infections	11	76	137	173	227	277	332	384	438	495	554	611
Taxonomy and nomenclature	12	77	138	174	229	279	337	386	441	498	556	614
Sarcomastigophora	12	77	-	174	-	279	337	-	-	498	-	614
Apicomplexa	12	77	138	174	229	280	337	386	441	499	556	614
Microspora	12	78	138	176	-	280	337	387	441	499	557	-
Ascetospora and Myxozoa	13	78	139	176	230	280	338	387	441	-	-	615
Ciliophora	13	-	-	176	-	-	338	-	442	499	557	-
Others	13	-	-	-	230	-	-	-	442	500	557	-
Mixed groups	-	79	-	-	-	-	338	-	442	500	557	615
Morphology and ultrastructure	14	79	139	177	230	281	338	387	442	500	557	615
Sarcomastigophora	14	79	139	177	230	281	-	387	-	500	557	-
Apicomplexa	14	79	139	177	230	281	338	387	442	500	558	615
Microspora	14	-	-	177	230	281	339	388	443	500	558	616
Ascetospora and Myxozoa	-	-	-	-	-	281	-	-	443	500	559	-
Ciliophora	14	79	-	-	-	-	-	-	-	-	559	-
Others	14	80	139	177	-	-	-	-	-	-	-	616
Mixed groups	-	-	-	-	-	-	-	-	-	-	-	-
Genetics and Evolution	14	80	140	177	230	281	339	388	443	500	559	616
Immunobiology	14	80	140	178	231	282	339	388	444	501	560	617
General	14	80	140	178	-	282	339	-	444	501	560	617
Antigens and Immune Responses	14	81	140	178	231	282	339	388	444	501	560	617
Immunodiagnosis	21	86	143	183	237	285	344	392	448	506	566	621
Immunity and Resistance	23	87	144	184	238	287	345	394	448	508	568	623
Vaccination	24	89	144	186	239	287	346	394	450	510	569	624
Immunopathology	26	93	146	187	240	288	346	395	451	512	570	626
Pathology	27	94	146	188	240	289	347	396	451	512	570	627
General	27	94	146	188	240	289	347	396	451	512	570	627
Pathogenesis and Pathogenicity	29	96	148	189	241	290	348	397	452	514	573	628
Haematology	30	96	149	190	242	292	349	398	453	514	574	629

[illegible]

List of source journals i

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ABBREVIATIONS FOR LANGUAGES

An initial capital letter denotes the language of the paper, an initial small letter the language of a summary.

Af	Afrikaans	Fr	French	Nl	Dutch, Flemish
Al	Albanian	Gr	Greek	No	Norwegian
Ar	Arabic	He	Hebrew	Pe	Persian
Az	Azerbaijan(i)/ Azerbaidzhani/ Azerbaidzhanian	Hi	Hindi	Pl	Polish
Be	Belorussian	Hu	Hungarian	Pt	Portuguese
Bg	Bulgarian	In	Indonesian	Ro	Romanian
Ch	Chinese	Is	Icelandic	Ru	Russian
Cs	Czech	It	Italian	Sh	Serbo-Croat
Da	Danish	Ja	Japanese	Sk	Slovak
De	German	Ko	Korean	Sn	Slovenian
Ee	Estonian	La	Latin	Sv	Swedish
En	English	Li	Lithuanian	Ta	Tajik/Tadzhik
Eo	Esperanto	Lv	Latvian	Th	Thai
Es	Spanish	Ma	Macedonian	Tr	Turkish
Fi	Finnish	My	Malay/Bahasa Malaysia	Uk	Ukrainian

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Tropical Parasitic Diseases: S. Townson, MSc, PhD

The International Institute of Parasitology (IIP), founded in 1929, has a staff of about 35 and provides taxonomic identification, research, consultancy and contract services to world agriculture and medicine. The Institute is an international centre for the systematics of parasitic helminths of animals and man, and plant parasitic and entomophilic nematodes. Publications include research papers, books, monographs and keys (details on request).

Institute staff are active in project work in many parts of the world, acting as consultants or researchers for a variety of international and national agencies. IIP staff contribute as advisers to field and survey work, and provide an authoritative identification service for the nematodes and helminths collected.

Identification Services

IIP provides an authoritative identification service to agricultural, biological and medical scientists throughout the world. The service handles plant-parasitic and entomophilic nematodes and helminth parasites of animals and man. The services are backed by well documented and extensive reference collections including those of several eminent helminthologists; living cultures of plant parasitic nematodes are maintained in the IIP glasshouses.

IIP's team of specialists are also involved in research including taxonomic revision of economically important groups of helminths and plant parasitic nematodes and the production of identification aids.

Details of charging and advice on collection, preservation and despatch of specimens for identification are available on request. The identification service is provided free of charge to non-commercial users in CABI member countries, and at moderate cost to users in non-member countries and in commercial organisations.

Tropical Plant Nematology Advisory and Research Unit

The Unit provides an advisory service to countries in the sub-tropics and tropics, as an adjunct to the identification services provided at the Institute. It gives practical information and advice on the economic importance and control methods that can be employed on nematodes identified. Staff are available for consultancies on nematode problems and can undertake surveys of individual crops or regions, plan workshops or give in-country advice on existing nematode projects and problems. Staff are engaged in funded research on tropical nematodes in glasshouses and laboratories at the Institute, which also provides facilities for visiting research workers. The Unit is part of a 'Research Group for Nematodes in Tropical and Subtropical Agriculture' formed between the Institute and the AFRC Institute of Arable Crops Research, Rothamsted, UK.

Tropical Parasitic Diseases Unit

The Unit carries out research projects directed towards the prevention and treatment of human tropical parasitic diseases. Research at IIP has focussed on onchocerciasis and lymphatic filariasis and their arthropod vectors, and is funded by major international agencies such as WHO and the Edna McConnell Clark Foundation. These projects are part of a world-wide multidisciplinary research effort to find and develop new drugs and vaccines, and involve collaboration between pharmaceutical companies, university and institute-based research groups and clinical groups working in field trials.

Training

IIP offers both formal and informal training courses and facilities for visiting workers. Training is particularly orientated towards scientists and extension workers in developing countries. Courses of six weeks duration, on the identification of helminth parasites or plant parasitic nematodes of economic importance, are offered in alternate years to groups of fifteen participants.

Supervised individual study for periods of up to 12 months is offered by IIP's specialists and facilities are available for postgraduate studies for higher degrees or as part of a higher degree course. IIP is an associated Institute of the University of Reading and has collaborative projects with the University of London. Visiting workers in relevant fields of research are welcome to use the facilities and expertise available at IIP.

Collections

The IIP library offers a specialist collection of over 6600 books, 231 serial titles and over 28,000 reprints on helminthology, protozoology and plant nematology available to outside users. Computer terminals permit on-line retrieval from the world's major databases, including CAB ABSTRACTS, and offers a photocopying service as part of CABI Document Delivery Service. IIP collaborates with the Information Services of CABI in the production of books and journals in its fields.

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AUTHOR INDEX

- Aagesen, H. B. 1731
 Abahusein, A. 4154
 Abari, A. C. 2473
 Abatan, M. O. 2845
 Abaza, H. 3907
 Abbaszadegan, M. 580, 4237
 Abbott, T. A. 1026
 Abbruscato, F. 527
 Abdalla, K. M. 965
 Abdalla, R. E. 360
 Abdalla, S. E. 4871
 Abdalla, S. E. A. 360
 Abdel-Ghaffar, F. 99
 Abdel-Hameed, A. A. 965, 4599
 Abdel-Karim, E. I. 1595
 Abdel-Khalek, Y. H. 1121
 Abdel-Mawla, M. M. 1043, 1055
 Abdin, F. H. 1113
 Abdirahman, O. M. 1702
 Abdoulaye, J. 1624
 Abdul Jalil, H. 2548
 Abdulah, D. R. 1847
 Abdulhadi, N. H. 2677, 3072, 4412
 Abdullaev, M. A. 1419
 Abe, A. 518
 Abe, T. 2243
 Abebe, G. 2236
 Abenga, J. 4912
 Abeywickreme, W. 29
 Abgrall, J. 5081
 Abila, B. 1592, 1596
 Abiola, F. A. 2444
 Abo-Shehada, M. N. 1496, 2070, 4722
 Aboagye-Kwarteng, T. 4525
 Aboul, A. A. 4659
 Abou-Taleb, S. A. 1121
 Aboudaya, M. 501
 Aboul-Magd, L. A. 1055, 1065
 Abouya, Y. L. 3047
 Abraham, E. 1565
 Abramo, F. 704, 1129, 1211
 Abramova, V. F. 3278
 Abrams, D. I. 4806
 Abranches, P. 48, 314, 791, 4443
 Abrashnik-Zhuchkov, R. G. 2961
 Abreu, J. R. 4323
 Abreu, L. L. de 4689
 Abruzzo, G. 4636
 Abu-Shakra, M. 2669
 Abu-Zakham, A. A. 1008
 Abu-Zeid, Y. A. 2677, 3072, 3525, 4412
 Abua, J. U. 1568
 Abul-Eis, E. S. 551, 555
 Accardo, S. 3848
 Acet, A. 397
 Acharya, S. K. 2723
 Achbarou, A. 232, 1487
 Achmad 997
 Achouri, E. 2556
 Ackers, J. 1433
 Ackers, J. P. 4554
 Acland, H. M. 4740
 Acmor-Apolinar, M. M. 4196
 Acosta, A. 1857
 Acosta, L. 1158
 Acta Societatis Zoologicae Bohemoslovacae 2022
 Acuña P., M. 3966
 Adala, H. 4212
 Adam, H. M. 2129
 Adam, R. D. 3071, 4350
 Adamou-Ndiaye, M. 2444
 Adams, H. G. 2834
 Adams, J. H. 4178
 Adams, L. B. 1068
 Adams, M. H. 1229
 Adams, R. J. 3159
 Adams, S. 2635
 Adams, S. P. 3290
 Adaniya, M. E. 718
 Adbul-Ameer, K. N. 551
 Addiss, D. G. 431, 2547
 Addy, M. 2036
 Adegunloye, B. J. 721
 Adelaja, A. O. 1109
 Adelman, J. 3173
 Ades, A. E. 2701, 4001
 Adewuyi, A. A. 3201
 Adeyemo, O. 1118, 2051
 Adhya, S. 270, 4535
 Adikwu, M. U. 5105
 Adinolfi, L. E. 696
 Adler, A. 467
 Adler, B. 4946
 Adler, B. K. 3616
 Adler, F. R. 4574
 Adoutte, A. 1758
 Adoyo, A. 3284
 Adoyo-Adoyo, M. 1410
 Adraskelas, N. 977
 Adrian, M. 3154
 Adrianov, A. V. 3941
 Adroher, F. J. 1444
 Adsay, N. V. 1747
 Adsay, V. 2133
 Adungo, N. I. 22, 1515
 Adusu, E. K. 90
 Aebersold, R. 1865
 Aerts, D. 4964
 Afari, E. A. 1278, 5012, 5149
 Afchain, D. 127, 3085
 Afflalo, Y. 2944
 Affonso, H. T. 4558
 Affranchino, J. L. 262
 Afshar, A. 1729
 Agabian, N. 1479, 2604, 3599
 Aganga, A. O. 1701
 Agarwal, A. K. 4859
 Agbaje, E. O. 4622
 Agbanrin, G. 1928
 Agbede, R. I. S. 833
 Agbo, K. 1555
 Agbodaze, D. 1278, 5012
 Ageel, A. M. 900
 Ager, A. L., Jr. 1934
 Agey, M. W. 4532
 Aggarwal, A. 1466
 Aggarwal, P. 4105
 Aggarwal, S. K. 2707
 Agnihotri, S. K. 163
 Agrawal, A. 893, 4199
 Agrawal, A. K. 3254
 Agrawal, R. D. 3012
 Agu, W. E. 514
 Aguerro, J. J. 3457
 Aguilar, R. F. 3434
 Aguilar, X. 3734
 Aguirre, A. 2456
 Aguirre, D. H. 3661
 Agumbah, G. J. O. 207
 Agur, Z. 4590
 Agustí, R. 2747
 Agyemang, K. 489, 794, 2056, 2307
 Aher, V. D. 4742
 Ahlborg, N. 3088
 Ahmad, M. 28
 Ahmad, S. 630, 1580
 Ahmad, T. 2888
 Ahmed, A. H. 1296
 Ahmed, B. O. 965
 Ahmed, J. S. 4995
 Ahmed, L. 4265
 Ahmed, L. S. 1717
 Ahmed, M. E. 1594
 Ahmed, M. H. 1017
 Ahmed, M. M. 969
 Ahmed, N. N. 1920
 Ahmed, S. M. 1717, 3811
 Ahmed, S. S. 1605
 Ahn, M. H. 181
 Ahuja, A. K. 329
 Ahuka Ona Longombe 3829
 Ai, E. 2230
 Aikawa, M. 121, 189, 227, 266, 444, 773, 1142, 1170, 1587, 1849, 1980, 3093, 3507, 3763, 4494, 4534, 4587, 4673
 Ainanshe, O. A. 2393, 5084
 Ainsworth, J. G. 2132
 Airede, A. I. 3283
 Aisa, E. 1031
 Aiura, K. 3223
 Aizenstein, B. D. 3602
 Ajana, F. 3833
 Aji, T. 1142, 3763
 Ajioka, J. W. 1387
 Aken, D. van 3854
 Akerejola, O. O. 3201
 Akiba, M. 3279
 Akil'zhanov, R. R. 1897, 1945
 Akinbamijo, Y. 2233
 Akinboade, O. A. 2111
 Akiner, M. N. 4300
 Akins, C. D. 3581
 Akintonwa, A. 3735
 Akker, H. N. van den 4480
 Akogbeto, M. 1570
 Akol, G. W. O. 854
 Akol, M. N. 2451
 Akol, N. M. 2196
 Akono, Z. Y. 2686
 Aksoy, S. 1478, 3617
 Aktas, F. 3792
 Akuffo, H. O. 2238, 2713
 Al-Ahdal, M. N. 1433, 1617
 Al-Albassy, S. N. 4334
 Al-Ali, F. 89, 1277
 Al-Asgah, N. A. 3401
 Al-Awad, M. E. 1281
 Al Ayed, I. H. 2951
 Al-Fouzan, A. S. 3250
 Al-Gindan, Y. 4154
 Al-Habodi, A. H. 4334
 Al Herbish, A. S. 2951
 Al-Hussayni, N. K. 695
 Al-Jaser, M. H. 244
 Al-Jurayyan, N. A. M. 2951
 Al-Karawi, M. A. 2918
 Al-Khalifa, M. S. 3401
 Al-Kharji, A. M. H. 900
 Al-Khawajah, A. 4154
 Al-Madani, A. A. 1281
 Al-Mahroos, G. M. 2839
 Al-Masum, A. 330
 Al-Meshal, I. A. 371
 Al-Mofleh, I. A. 701
 Al-Mugeiren, M. M. A. 2951
 Al-Mutairi, G. 89, 1277
 Al-Nasser, M. N. S. 2951
 Al-Ouran, R. M. 2330
 Al-Rubae, A. Y. 670
 Al-Saleh, Q. 1277
 Al-Saleh, Q. A. 3250
 Al-Sumry, H. S. 3026
 Al-Tukhi, M. H. 1433, 1617
 Al-Tuwaijri, A. S. 701
 Alabay, M. 158, 2112
 Alabouvette, C. 5147
 Alagón, A. 3606, 4945
 Alamo T., M. 4368
 Alano, P. 1359, 2013, 4090, 4534
 Alarcón, C. A. de 2136
 Alaribe, N. W. I. 4188
 Alarou, A. 1279
 Alatalo, R. V. 4097
 Albanese, J. 2623
 Albarran, A. S. 3403
 Alberici, F. 4249
 Albert, M. 3568
 Alberti, A. 522, 4595
 Alberti, E. 2201
 Alberti, K. G. M. M. 2408
 Albertí, P. 2524
 Albor, C. 1576
 Albores-Saavedra, J. 2
 Albrecht, H. 3935
 Albright, J. F. 625
 Albright, J. W. 625
 Albritton, W. L. 2928
 Albuquerque, B. 421
 Albuquerque, S. 4489
 Albuquerque, S. de F. T. de 1318
 Alcaíno C., H. 3655
 Alcalde, E. 4193
 Aldecoa Gili, T. 807
 Aldeen, W. E. 4244
 Alderete, J. F. 1422, 778, 2181, 2184
 Alderman, D. J. 2440
 Aldunate, J. 3588
 Alecia, K. 896
 Alegro, A. 220
 Aleksanyan, A. A. 1559
 Alekseev, A. N. 3214
 Alemanni, M. 1676
 Alexander, J. 657, 1784, 1929, 2709, 4457, 4844
 Alexander, J. B. 301, 4607
 Alexandre, C. O. P. 1380
 Aley, S. B. 612
 Alfieri, S. C. 1139
 Alfry, Y. E. A. 1120
 Algranati, I. D. 2422, 3157
 Ali, H. S. 670, 1717
 Ali, M. 362, 4789
 Ali, M. H. 3386
 Ali, M. S. 1493, 2932
 Ali, N. M. 551, 555
 Ali, S. R. 515
 Ali Babiker, H. 1757, 1880
 Aliev, A. D. 1560
 Alihonou, E. 3813
 Alilio, M. 914
 Aline, R. F., Jr. 3624
 Alizadeh, H. 4348, 4483
 Alka Gogate 3374
 Alkan, M. 4362
 Allam, A. A. 428
 Allaouchiche, B. 1795, 5053
 Alleman, M. M. 761
 Allen, B. R. 2040
 Allen, P. G. 3144-3145
 Allen, S. 15
 Allen, S. J. 1549, 3515
 Allerberger, F. 2648, 3260
 Allingham, R. 4092
 Allsopp, B. A. 267, 4687
 Allsopp, C. E. M. 3544, 4886
 Almadany, R. 4147
 Almeida, A. J. 440
 Almeida, E. 4445
 Almeida, M. A. O. de 1318
 Almeida, M. L. C. de 3148
 Almeida, R. 194
 Almeida e Silva, S. 1286
 Almeida Ribeiro, S. C. de 1012
 Alonso, C. 2424, 3610
 Alonso, M. 4466-4467
 Alonso, P. L. 1569, 2559
 Alonso, R. A. 1867
 Alp, H. 4248
 Alpers, M. 3286
 Alpers, M. P. 1871, 4091
 Alptekin, D. 826
 Alsleben, S. 4726
 Altamura, M. 1080
 Altés, J. 3810, 3911
 Altig, R. 545
 Altmann, F. D. 4769
 Aluja, A. S. de 1698
 Alul, I. H. 3377
 Alunda, J. M. 1301, 1898
 Alushula, H. 879
 Alvarado, J. 813, 816
 Alvarez, M. 2206
 Alvarez, M. A. 3225
 Alvarez, O. S. 4311

- Alvarez, T. 1188
 Alvarez-Bujidos, L. 2872
 Alvarez-Castells, A. 1738
 Alvarez Martínez, J. A. 2216, 2339
 Alvarez-Pellitero, P. 3488
 Alves Pires, C. 314, 4110
 Alving, C. R. 121
 Alzani, R. 5094
 Alzate, A. 1833
 Alzieu, J. P. 2570
 Amabeoku, G. J. 4174, 5086
 Amador, R. 131, 1821, 4031-4032
 Amante, F. 4430
 Amanuel, B. 3
 Amar, M. F. Ben 2269
 Amaral, V. 3858-3859
 Amarante, A. F. T. 2966
 Amat-Roze, J. M. 4182
 Amato, D. 3195
 Amato Neto, V. 4112
 Ambakederemo, A. W. 1592, 1596
 Ambroise-Thomas, P. 251, 890, 1494, 2476, 3340, 3994, 4047, 5007
 Amédée-Manesme, P. O. 2694
 Amedeo, S. 4748
 Amendolea, M. A. 4359
 Amer, A. A. 2081, 2215
 Amer, M. M. 1243
 Amerasinghe, F. P. 1179
 Amerasinghe, P. H. 1179
 American Journal of Medicine 2938, 4659
 American Journal of Tropical Medicine and Hygiene 5157
 Amerongen, A. van 1144
 Amigo, H. 989
 Amimo, F. A. 4106
 Amin, M. B. 5132
 Amira, S. 3907
 Ammar-Khodja, A. 4561
 Amoj, S. D. 1051
 Amor, D. 5078
 Amoudi, M. A. 3481
 Ampel, N. M. 367
 Ampuero, T. 2041
 Amuchastegui, P. I. 4139
 Amunárriz U., M. 785
 Anaga, A. O. 2399
 Anagnostopoulos, A. 4799
 Anastasopoulos, E. 4575
 Ancarani, F. 5057
 Ancelina, M. L. 298, 2000, 3750
 Ancochea, J. 433
 Andala, E. O. 14, 1275
 Anders, R. F. 674, 1792, 4575
 Andersen, I. 1731
 Anderson, B. C. 3432
 Anderson, C. 46
 Anderson, D. 2678
 Anderson, J. 91
 Anderson, J. F. 321
 Anderson, J. R. 1720, 2601, 4778-4780
 Anderson, M. L. 2073, 2237, 2967
 Anderson, M. P. 3433
 Anderson, R. 1328
 Anderson, W. I. 3018
 Anderson, W. R. 483
 Andersson, N. 1499
 Andrabi, K. I. 4582
 Andrade, A. F. B. de 1446
 Andrade, A. L. S. S. de 1286
 Andrade, C. R. de 286
 Andrade, H. F., Jr. 4906
 Andrade, P. P. de 286
 Andrade, S. G. 2250
 Andrade Júnior, R. C. de 2574
 Andreassen, J. 2577
 Andreasson, P. Å. 1205
 Andreesen, R. 2182
 Andrews, C. D. 483, 3180
 Andrews, D. L. 2211
 Andrews, N. W. 1888
 Andrews, R. H. 3630
 Andriamanantena, R. 2431
 Andriamangiatiana-Rason, M. D. 300, 1289, 1510, 1572, 2792, 2866
 Andrianjafy, H. 1601
 Andrieu, J. M. 619
 Andronova, T. M. 2717
 Andrzejska, I. 1766
 Anene, B. M. 4319, 4773
 Angel, S. O. 4068, 4539
 Angel, V. H. 1582
 Angelici, M. C. 1160, 4978
 Angelo, A. 1577
 Angerhofer, C. K. 4190
 Angluster, J. 1446
 Angritt, P. 4790
 Angulo Ch, I. 3709
 Angus, K. W. 485, 2986, 3399
 Angwafo, F. F. 4719
 Anika, S. M. 1563, 4319
 Anin, A. M. A. 1075
 Anju, K. 2690
 Annals of Internal Medicine 5060, 5065
 Annis, B. A. 667
 Anokbonggo, W. W. 5056
 Anoma, M. 3830
 Anosa, V. O. 1841, 2251, 2733, 4907
 Anosike, J. C. 4727
 Anpalahan, A. 1660
 Ansari, M. H. 1580
 Anselmi, M. 1940
 Anstey, N. M. 3544, 4886
 Anteson, R. K. 5011
 Antezana, G. 4653
 Antoine, H. 1300
 Anton, R. 2024
 Antoniskis, D. 3263
 Antoun, F. 2143, 4157
 Antunes, J. L. F. 2304
 Anuradha 1686, 3114, 4736
 Anwar, M. 28
 Aoki, T. 979
 Aosai, F. 4426
 Aouizerate, F. 5137
 Apanius, V. 602
 Aplogan, A. 2835
 Appleman, M. D. 3224
 Aprosi, G. 3208
 Apt B., W. 3966
 Arafat, A. S. 4715
 Arai, H. P. 4275
 Arakawa, A. 1716, 2861, 3036, 4356, 4993
 Arakawa, R. 3765
 Arambewela, L. S. R. 1575
 Aranda, J. A. G. 3388
 Arango, G. J. 1577
 Araniki, I. 3178
 Arasteh, K. 90, 1193
 Araujo, F. 1401
 Araújo, F. A. P. de 2591, 2719
 Araújo, F. G. 339, 369, 1411, 1545, 4227
 Araujo, M. de F. L. de 2471
 Araújo, P. M. F. 174, 4423
 Araujo, S. M. 4679
 Araujo-Jorge, T. C. 4002
 Araviiskii, R. A. 3753
 Arcalis Arce, L. 2943
 Arcia, J. 3048
 Arcoleo, F. 4015
 Ardans, A. A. 2168
 Arendt, G. 3466
 Ares, P. 447
 Ares-Mazás, E. 3520
 Arežina, L. 2590
 Arias, A. de 652, 4607
 Arias, J. R. 4333
 Arias, O. 1894
 Arici, C. 5003
 Arieli, S. 3262
 Arista, S. 2311
 Ariyaratne, G. 617
 Arman, M. I. 2509
 Armani, G. 1171
 Armengaud, M. 3691
 Arment, A. 718
 Armitage, R. J. 1768
 Armson, A. 3593
 Armstrong, D. 2644, 3042, 3913, 3932
 Armstrong, J. R. M. 1254, 2559
 Armstrong, M. Y. K. 3961
 Arnastauskene, T. 2973, 3880
 Arnastauskienė, T. 2973, 3880
 Arnold, K. 454, 1200
 Arnot, D. E. 1757, 1880
 Aronson, N. E. 1818
 Arora, P. 3928
 Arora, R. 3967
 Arora, S. 1664
 Arora, S. K. 3799
 Arora, U. 1968
 Arossa, C. 2075
 Arowolo, R. O. A. 4482
 Arraj-Peffer, S. M. 2183
 Arreaza, G. 3546
 Arredondo, J. I. 811
 Arribada C., A. 3966
 Arriola Bueno, J. 3403
 Arrowood, M. 3359
 Arrowood, M. J. 579, 3678, 4418
 Arróyave, R. J. 307, 800
 Arroyo, R. 778
 Arruda, M. E. de 3398
 Arruda, S. 4203
 Artama, W. T. 4532
 Arther, R. G. 2859
 Arthur, J. D. 3803
 Arthur, J. R. 2104
 Artigas, J. 576
 Arts, G. J. 750
 Arya, A. 893
 Aryeetey, M. E. 1278, 5011-5012
 Arzamasai, I. Ts. 3008
 Arzamasov, I. T. 3008
 As, J. G. van 105, 3943
 Asahi, H. 3004
 Asai, T. 2746
 Asai, A. 3907
 Asami, M. 2243
 Aschow, C. 3930
 Asgari, M. 248
 Ash, C. 1820, 4503, 4708
 Ash, L. R. 2332
 Ashall, F. 4506
 Ashenafi, S. 3079
 Ashford, D. A. 1374
 Ashford, R. W. 4589, 4610
 Ashiru, O. A. 5095
 Ashley, D. 2940
 Ashok Kumar 4180
 Ashraf, H. 4723
 Ashraf, M. 5126
 Asiago, C. M. 406
 Aslam, N. 1355
 Åslund, L. 744, 2763
 Asnani, P. J. 1414
 Asomugha, L. 1596
 Asonganyi, T. 1173, 1667, 1687, 2028, 2170, 2531
 Aspa, J. 433
 Aspöck, H. 465, 647
 Assel, S. van 3168
 Assem, E. S. K. 1596
 Assimadi, K. 1555
 Astaf'ev, B. A. 4392
 Astaf'eva, N. V. 978
 Astagneau, P. 789, 1774
 Aster, R. H. 4206
 Asuzu, I. U. 2399
 Atanda, H. L. 3824
 Atanu Ray 1655
 Atkinson, C. T. 121, 444, 773, 1980, 3433
 Atkinson, D. 2294
 Atkinson, S. E. 1387
 Atlas, R. M. 2462
 Atmosoedjono, S. 1268
 Atta-ur-Rahman 3369
 Attanath, P. 1543, 4196
 Attias, M. 4349, 4983
 Attygalle, D. 29
 Atzeni, M. C. 1177
 Aube, C. 1957
 Aubry, P. 1554, 3756
 Aucott, J. N. 3181
 Auer, C. 4298
 Auer, H. 465
 Aufrant, C. 1665, 2536, 4161
 Aufy, S. M. 970
 Augustine, P. C. 643, 1124, 4468, 4850, 5115
 Augusto, O. 3298
 Augusto Soares, F. 1826
 Aukerman, R. 4668
 Auriault, C. 1379, 3073
 Auslender, V. 2089
 Ausma, J. 3329
 Auteri, P. 3473
 Autheman, J. M. 232
 Authie, E. 803, 2208
 Avery, S. W. 315
 Avidar, Y. 3740
 Avila, C. 3388
 Avila, G. I. 4421
 Avila, H. 5129
 Avila, H. A. 4965
 Avila, J. L. 1789, 1857
 Avode, G. 4717
 Avramovici-Grisaru, S. 2892
 Awad El-Kariem, F. M. 3336
 Awad El Kariem, F. M. 4533
 Awakura, T. 2996
 Awal, M. A. 3853
 Awburn, M. M. 1364
 Awe, S. O. 3717
 Awich, J. R. 681
 Awuome, K. 491, 496, 834
 Axelsen, N. H. 266
 Ayadi, A. 1332, 3812
 Ayala, D. E. 307, 799-800
 Ayala, F. J. 1351, 4393-4394, 4824
 Ayivi, B. 2534, 3813-3814
 Aylward, J. 4462
 Ayrault-Jarrier, M. 4905
 Azab, M. E. 1043
 Azad, A. F. 436, 1524
 Azambuja, P. 1521
 Azara, A. 2311
 Azevedo, A. C. R. 814
 Azevedo, C. 590, 948, 1728
 Azevedo, J. S. C. 3855
 Azevedo, R. A. de 4294
 Azimi, P. 467
 Aznar Martín, A. 3472
 Azorero, R. M. 652
 Azul, L. G. S. 2860
 Baathodi, J. A. 1007
 Baba, A. I. 2235
 Baba, E. 1716, 3036, 4356
 Baba, T. 4426
 Babajev, K. B. 4639
 Babajev, O. G. 4639
 Babalola, C. P. 383
 Babcock, G. F. 4238
 Babinet, J. 2545
 Babinet, P. 2046, 4628
 Baccam, D. 312, 2663
 Bacchi, C. J. 896, 4662
 Bacellar, F. 1512
 Bacellar, H. 1328
 Bacellar, O. 3511
 Bachère, E. 2167
 Back, D. J. 2425, 2871, 3300
 Bacon, L. D. 1390
 Badalova, N. S. 2961
 Badaró, R. 194, 974, 3511
 Badell, E. 3968
 Badenoch, J. 20, 1909
 Badenoch, P. R. 1834, 4765
 Badiola, J. 1011
 Badoual, J. 3705
 Baea, M. 3286
 Baechler-Sadoul, E. 1745
 Back, L. 199
 Baelmans, R. 992
 Baer, H. P. 244, 1241
 Baer, J. F. 4003
 Baetselier, P. de 1363
 Bafort, J. M. 877
 Bafundo, K. W. 5037
 Bagabov, V. B. 1560
 Bagheri, M. 511
 Bagnara, A. S. 3146, 4510
 Bah, I. B. 2867, 4646
 Bah, M. D. 3828
 Bahcivangi, S. 1294

- Bahgat, A. B. 1120
 Baig, B. H. 3846
 Bailey, A. 2940
 Bailey, C. W. 3952
 Bailey, G. B. 3634
 Bailey, J. S. 4356
 Bailey, M. 3502
 Bailey, R. R. 4213
 Bailie, G. R. 4229
 Baillet, J. 3704
 Baillie, A. J. 1929, 4194
 Bailly, C. 5018
 Baimai, V. 815
 Baines, I. 3142
 Baines, I. C. 734
 Bajorinene, D. V. 3123
 Baird, J. K. 352, 667, 1221, 1492, 4683
 Bajomi, D. 3773
 Bajorinienė, D. 3123
 Bajpai, V. K. 630
 Bajjana, E. S. 2281
 Bakalara, N. 1460, 2269, 3147, 4974
 Baker, K. C. 4753
 Baker, R. D. 1517
 Baker, R. L. 1735
 Bakhiet, M. 116, 637
 Balachandran, S. 1295
 Balafrej, A. 3823
 Balanco, J. M. de F. 2471
 Balanzat, J. 3911
 Baldelli, B. 1096
 Baldo Corrêa, E. 2721
 Baldwin, C. A. 1015
 Baledent, F. 3758
 Bales, J. D. 851
 Balfe, P. 1467
 Balfour, A. H. 1078, 4811
 Balgir, R. S. 1899
 Bálint, O. 2016
 Balkovec, J. M. 4636
 Ball, S. J. 554, 1050, 1830
 Balland, O. 1990
 Ballardini, G. 4119
 Ballarini, G. 3233, 4758
 Balleari, E. 3848
 Ballesteros, A. 3911
 Ballou, W. R. 184, 1410, 3076
 Baltz, D. 2391
 Baltz, T. 2391, 2396, 2406-2407, 2450, 4082
 Balu, N. 2877
 Bamberg, P. 4305
 Bambirra, E. A. 4848
 Banchongaksorn, T. 4688
 Band, R. N. 736
 Bandeira, A. 3963
 Bandyopadhyay, P. K. 543
 Bandyopadhyay, R. 735
 Banerjee, C. 739, 4515
 Banerjee, D. P. 3124
 Banerjee, M. 715, 3387
 Banerjee, U. 827
 Banerji, P. K. 1688
 Banerji, S. 4980
 Bangalore, B. 1584
 Bangchang, K. N. 372, 2425, 3300
 Bangs, J. D. 4516, 4548
 Bangs, M. J. 352, 667, 1221
 Banic, D. M. 126
 Banner, F. T. 594
 Bannert, B. 2653
 Banning, P. van 565
 Bannister, B. A. 2537
 Bannister, L. H. 3641
 Bannwarth, B. 5101
 Banovčanin, B. 324
 Bansal, G. C. 3550
 Bansal, S. R. 3124, 3987
 Bansal, V. 166
 Bao, Z. L. 3346
 Baqar, S. 2775
 Baqui, A. H. 964
 Bar-David, Y. 2944
 Barabe, P. G. 2836
 Barale, J. C. 3169, 4056
 Barash, L. 2821
 Barbado, J. 4363
 Barbaree, J. M. 949
 Barber, B. J. 175
 Barber, M. 4131
 Barbet, A. F. 129
 Barbet, J. P. 3822
 Barbieri, G. P. 3301
 Barbieri, M. 5042
 Barbon, E. 56
 Barbosa, M. A. 2966
 Barbot, D. 1745
 Barci, L. A. G. 3858-3859
 Barcinski, M. A. 3971
 Bard, E. 4088
 Barenbrock, M. 2376
 Barer, M. R. 1910
 Bargaoui, K. 3822
 Barhouma, N. M. 1356
 Baribwira, C. 1948
 Barinova, T. V. 209
 Barkakaty, B. N. 1969, 3251, 4645
 Barker, K. F. 1097, 5131
 Barker, R. 421
 Barker, R. H., Jr. 4688
 Barker, R. J. 3486
 Barlough, J. E. 3417
 Barnard, C. J. 292, 462
 Barnes, A. J. 866
 Barnes, C. J. 2441, 4665
 Barnes, S. 4795
 Barnwell, J. W. 4086, 4100
 Baroin, A. 1758
 Baron, J. H. 3919
 Barr, B. C. 2073, 2237, 2967
 Barr, D. A. 2592
 Barr, M. C. 3668
 Barr, P. J. 1814, 2671, 2764, 4839
 Barr, S. C. 219, 523, 535, 1389, 2732
 Barragry, T. B. 1725
 Barral, A. 194, 1405, 2186, 2716
 Barral-Netto, M. 194, 1381, 1405, 2716, 3511
 Barrault, C. 1143
 Barreto, A. C. 1
 Barreto, A. C. P. 2860
 Barreto-Bergter, E. 3578
 Barrett, A. J. 4526
 Barrett, D. 168
 Barrett, J. C. 1604
 Barrett, T. V. 4333
 Barrios, R. 111
 Barro, D. 3246
 Barros, G. C. 4612
 Barry, D. 4590
 Barry, J. D. 1360, 3627
 Barta, J. R. 612, 643, 4468, 4834, 4850
 Bartelsman, J. F. W. M. 2854
 Barth, P. 4460
 Bartizal, K. 4636
 Bartlett, A. V. 4179
 Bartlett, C. L. R. 17
 Bartlett, M. S. 770, 2146, 4198, 4259
 Bartok, A. 3263
 Bartok, A. E. 3048
 Bartoloni, A. 975
 Barton, C. H. 1387
 Bartov, I. 1228
 Baruch, D. 1073
 Barughare, M. 3022
 Barutwanayo, M. 1508
 Barutski, D. 43
 Barza, M. 3595
 Baschirou 2444
 Basco, L. K. 897, 1219-1220, 1236, 2381, 2832, 3720, 4652
 Bashtar, A. R. 99
 Baskerville, A. 1426
 Basoğlu, A. 4747
 Basombrio, M. A. 4034, 4399
 Basos, S. F. 1836
 Basri, H. 352, 667, 1221, 1492
 Bass, K. E. 4930
 Basset, D. 2629
 Bassett, M. T. 1627
 Bassi, P. 3796, 4119
 Bassinga, A. 1839, 2226
 Basso, B. 125, 153, 3975, 4139, 5096
 Basson, L. 105, 3943
 Bassotti, G. 3843
 Bastianello, S. S. 3320
 Bastien, P. 2667
 Bastin, P. 1791
 Basu, D. 378, 1371, 2700
 Basu, M. K. 735
 Basu, N. 4656
 Basurto, M. A. 4046
 Bataille, H. 1677
 Bate, C. A. W. 2682, 3084, 3960
 Batellier, L. 4438
 Bateman, M. C. 4339
 Bateman, N. 2921
 Bateman, N. T. 2846
 Bates, A. K. 3373
 Bates, I. 2227
 Bates, P. A. 418, 3564
 Bathurst, I. 677
 Bathurst, I. C. 1108, 1814, 2764
 Batman, P. A. 3383
 Batte, W. G., Jr. 2622
 Battista, A. 2503
 Batzer, M. A. 3087
 Baud, F. J. 4204
 Baudhuin, P. 1791
 Baudin, C. 4466-4467
 Baudino, C. 718
 Baudon, D. 2836, 2937
 Bauer, B. 494
 Bauer, O. N. 3440, 4597
 Bauer, P. G. 4481
 Bauer, R. 2500
 Bauer, R. W. 1707
 Baughman, R. P. 1732
 Baughn, R. E. 527
 Baum, J. 3595
 Baumann, R. J. 864
 Baumeister, H. 3755
 Baumgart, P. 2376, 3755
 Bauria, M. K. 364
 Baveja, U. K. 2707
 Baverstock, P. R. 4976, 4979
 Baxa, D. V. 1434
 Bayemi, P. H. 5031
 Baylis, H. 4687
 Baylis, H. A. 256, 267, 4949
 Bayne, M. T. 1980
 Bayoumi, R. A. 1595, 2677, 3072, 4412, 4643
 Bayoumi, R. A. L. 1757, 1880
 Baytalan, G. 306
 Bazard, M. C. 1666
 Bazargani, T. T. 511
 Bazin, C. 1805
 Bazzoli, A. 3315
 Beach, R. S. 2645
 Beal, V. C. 483
 Beale, G. 4541, 4669
 Beales, P. F. 3239-3240
 Beals, T. F. 4830
 Beard, C. B. 3617
 Bearth, G. 503
 Beattie, T. 2821
 Beaudoin, R. L. 2482, 3554
 Beaufils, J. P. 1014, 3458
 Beaume, F. E. de la 3993
 Beaumel, A. 3047
 Beauté-Lafitte, A. 1556
 Beavis, R. 1441
 Becht, M. 2949
 Beck, B. J. 1940
 Beck, J. M. 863, 2183
 Beck, J. T. 234
 Beck, L. R. 5038
 Becker, A. 1666
 Becker, B. 165
 Becker, I. 3127
 Becker, K. 4437
 Becker, M. 2744
 Beckers, P. J. A. 1064, 1144
 Becnel, J. J. 592, 1606, 3060
 Beccuq, J. P. 4220
 Beccuqmin, M. H. 2427
 Bedert, L. 4365
 Bednova, V. N. 1057
 Bedrica, L. 220
 Bedrník, P. 3687
 Beecroft, R. P. 3577
 Beetsma, A. 3079
 Befumo, M. F. 2747
 Bégué, P. 2534, 3705
 Begueret, J. 2917, 5137
 Begum, N. 3406
 Behnke, J. M. 462
 Behr, C. 4006, 4427, 4846
 Behrens, N. D. 3732
 Behrens, R. H. 4616
 Beier, J. C. 406, 1410, 1905, 3659, 4021
 Beier, M. 1773
 Beigelman, R. 4034
 Bej, A. K. 2462
 Bejaoui, M. 1332
 Bejarano, M. T. 1373
 Bejšovec, J. 3414
 Bekaert, E. D. 4905
 Bekhli, A. F. 4633
 Belabbes, M. 3823
 Belachene, E. K. 4234
 Belanger, F. 3817
 Belazzoug, S. 4117, 4561
 Beldjord, K. 619
 Belem, A. M. G. 1699
 Belenfant, X. 4214
 Belfort, R., Jr. 3344
 Belgium, Belgian Societies for Parasitology and Protozoology 4286
 Belich, M. P. 3543
 Belien, J. J. A. 3594
 Beljaev, A. E. 2324
 Belkum, A. van 263, 2748
 Bell, C. A. 385
 Bell-Sakyi, L. 1384
 Bellahsen, D. 3452
 Belleau, E. 1311
 Bellec, C. 907
 Bellotti, G. 2860
 Belosevic, M. 3983, 4243, 4493, 4760, 5119
 Belova, D. M. 3491
 Belova, L. M. 3118, 4376
 Beltrani, V. P. 2554
 Beltz, L. A. 2219
 Ben-Becher, S. 3815
 Ben Ismail, R. 1480
 Ben-Naceur, B. 2556
 Ben Rachid, M. S. 1332, 1480
 Ben Said, M. 1480
 Ben Yehuda, D. 935
 Benada, O. 3629
 Benaim, G. 1845
 Benaroch, P. 4901
 Benatar, M. F. 4204
 Benchimol, M. 243
 Bender, K. 2252, 4927, 4957
 Bengua, E. 2867
 Benhabylles, N. 4234
 Benhammou, B. 3823
 Benhamou, P. H. 3822
 Benichou, S. 2143
 Beniamli, S. 2407
 Benne, R. 750, 754
 Bennett, G. F. 98, 2093, 3436, 4276, 4338-4339
 Bennett, S. 624, 3515, 3544, 4886
 Benten, W. P. M. 192, 3541
 Benton, C. 3652
 Benz-Lemoine, E. 2843
 Benzerroug, E. H. 4234, 5007
 Beran, G. W. 4104
 Berbegal, J. 2130
 Berbiguier, N. 779
 Bereder, J. M. 3925
 Berends, B. R. 1396
 Berendt, A. R. 3564
 Berg, F. M. van den 2165
 Berger, J. 2835, 4391, 4703
 Berger, R. 4890
 Berger, T. G. 3475
 Bergeret, A. 2884
 Berghmans, M. C. J. 904
 Bergqvist, Y. 333, 1582
 Bergs, C. 2619
 Beris, P. 3463
 Berkvens, D. L. 688
 Berlot-Picard, F. 2176

- Berman, D. 889, 4242
 Berman, J. D. 331, 860, 4142, 5058
 Berman, P. A. 2869
 Bernacchi, A. S. 1586
 Bernal, S. Ibáñez- 3666
 Bernard, E. 1678, 3468, 3923
 Bernard, E. M. 3042, 3913
 Bernard, F. X. 640
 Bernard, J. 2836
 Bernard, J. L. 2630
 Bernard, J. P. 3397
 Bernard, R. 393
 Bernardes, C. F. 1164
 Bernstein, H. N. 3311
 Bernstein, L. 3699
 Bernada, M. 1579
 Berrebi, A. 3997
 Berrio, I. 2207
 Berrod, J. P. 1666
 Berry, A. 3153
 Bernhelot, P. 3465
 Berthold, M. 3228
 Bertino, J. R. 1924
 Bertorello, M. M. de 4139
 Bertrand, F. 1014
 Bertrand, K. I. 3616
 Bertulesi, C. 5042
 Berzins, K. 124, 152, 1170, 1358, 3088
 Bessard, G. M. 1928
 Bessières, M. H. 3953
 Bessières, M. H. 3997
 Bestetti, R. B. 4487
 Betageri, R. 3563
 Bethencourt, S. 3528
 Betho, V. M. F. 3821
 Betschart, B. 2252, 4460, 4927, 4957
 Bettenhäuser, U. 192, 3541
 Bettini, S. 1016, 1177
 Beukers, H. 2487
 Beverley, S. M. 1453, 1870, 1874, 2397, 3167, 3614, 4972
 Bevers, E. M. 298
 Bey, P. 374
 Beyene, D. 3079
 Bhaduri, A. 5102
 Bhalwar, R. 3794
 Bharadwaj, Y. 4865
 Bhasin, D. K. 166
 Bhat, G. J. 4543, 4961
 Bhat, S. V. 2877
 Bhati, P. G. 2126
 Bhatia, B. B. 71, 994, 3103, 3450, 3864
 Bhatia, G. 4736
 Bhatia, K. K. 2698
 Bhatia, R. 2343, 2935, 3649, 4870
 Bhatnagar, B. M. 3380
 Bhatnagar, S. 2852
 Bhatt, K. M. 340
 Bhattacharya, A. 278, 1371, 2761, 3083, 4083, 4947
 Bhattacharya, J. 5127
 Bhattacharya, M. K. 164
 Bhattacharya, S. 278, 2761, 3083, 4083, 4947
 Bhattacharya, S. K. 164, 971, 3728
 Bhattacharyulu, Y. 5033
 Bhattacharyya, D. R. 1671, 5016
 Bhattacharyya, F. K. 3191
 Bhatti, H. S. 3430
 Bhaumik, D. 4061
 Bhaumik, M. 270
 Bhikane, A. U. 4742
 Bhilegaonkar, N. G. 3449
 Bhol, K. C. 715, 3133
 Bhorla, U. 4305
 Bhushnurmath, S. 3430
 Bhusnurmath, S. R. 1414
 Bhutani, K. K. 362
 Bja, F. J. 2120
 Bian, Y. H. 3701
 Bianchi, E. 1392, 2173
 Bianchi, G. 1954
 Bianucci, G. 2558
 Bickford, A. A. 1313
 Bicocchi, R. 2942
 Bidan, J. M. 3718
 Bidyanta, J. 2972
 Bidyukova, V. A. 1559
 Bienen, E. J. 228, 1138
 Bienzie, U. 1202, 4593
 Biffar, M. 2101
 Bifulco, J. M. 4672
 Bigatti, L. E. 2591
 Biggio, P. 1177
 Biggs, B. A. 2188
 Biglino, S. 2468, 4991
 Bikandou, G. 3840
 Bilezikian, J. P. 716, 2242, 4041
 Bilke, R. 2778
 Bill, R. 336
 Billah, A. M. 4789
 Billiau, A. 1763
 Billingsley, P. F. 4682, 5023
 Bimal, S. 3513, 4861
 Bin, H. 409, 1409
 Binazzi, M. 3770
 Bindels, P. J. 2140
 Binder, M. 276
 Bindereif, A. 1154, 2275, 2466
 Binka, F. N. 1278, 5012
 Binz, N. 922, 3182
 Biocca, E. 3357
 Biocchi, R. 3566
 Biolatti, B. 2075
 Bionda, A. 704, 1211
 Bird, S. H. 516
 Birgi, E. 1054
 Birkett, C. R. 4070
 Birkland, T. P. 3972
 Birley, M. 817, 4605
 Biro, S. 1089
 Biron, F. 3752, 5053
 Bisaro, F. 1957
 Bishop, H. 431
 Bishop, H. S. 429
 Bishop, M. A. 98, 4276
 Bishop, R. 4687
 Bishop, R. P. 267
 Bissenden, J. G. 2543
 Bissuel, G. 52, 1013
 Bistoni, F. 4900
 Biswas, D. 5020
 Biswas, M. 3191
 Biswas, S. 968, 2189, 3269
 Biswas, T. 4501
 Bitonti, A. J. 374, 864, 3299, 4519
 Bittencourt, A. L. 2186
 Bittker, S. J. 4463
 Bizilevičius, S. 3033
 Bizyulyavichyus, S. K. 3033
 Bjerkås, I. 208, 713, 4822
 Björkman, A. 1153, 1218, 1222, 1324, 1365, 1550, 1593, 1964-1965, 1967, 2410, 3691, 3737, 4291, 4663, 5080
 Bjorkman, A. B. 1988
 Björkman, S. 1977
 Black, D. 15
 Black, J. R. 4144
 Black, R. M. 4636
 Black, S. J. 4566
 Blackburn, T. M. 1994
 Blackman, M. 4837
 Blackman, M. J. 235-236, 2676, 3515
 Blackwell, J. M. 642, 1387, 3572, 3580
 Blagburn, B. L. 521, 524, 540, 865, 1979, 2485, 2666, 2859, 4698, 4826
 Blagov, N. A. 2895
 Blaineau, C. 2667
 Blaive, B. 3925
 Blakely, P. 118
 Blamoutier, J. 4219
 Blanc, É. 1749
 Blanc, C. 3267
 Blanchard, P. 2876
 Blanchard, P. C. 2073
 Blanchy, S. 1245, 4591
 Blanco, J. C. 4068, 4539
 Blanco, O. A. L. 1331
 Blandino, T. 4466-4467
 Blanke, M. 2911
 Blankenship, L. C. 4356
 Blanshard, C. 3467
 Blanton, R. E. 4899
 Blasco, G. 3706
 Blasi, V. de 5107
 Blattner, W. A. 2127
 Blaustein, A. R. 2298
 Blaxter, M. L. 3782
 Blaylock, B. L. 1225
 Blaze, J. 2820
 Blewett, D. A. 1420, 1709, 2665, 2986, 2988, 3232, 3399
 Bloch-Michel, E. 4438
 Bloem, M. W. 1115
 Blouin, E. F. 3495, 3660
 Blouin, P. 2917
 Blum, B. 4974
 Blum, J. J. 230, 724, 772, 1438, 2750, 3138
 Blum, M. 2258
 Blum, R. N. 5043
 Blum, S. 3042
 Blumenfeld, W. 3476
 Blundell, N. 2933
 Bo, R. 3664
 Boa, F. Y. 853, 2352
 Boado, E. 3437
 Boainain, E. 3338
 Boatín, B. 2302
 Bobak, D. A. 4692
 Bobek, B. 2151
 Bocchi, E. A. 2860
 Bochis, R. J. 2821
 Bochkarev, V. N. 4714
 Bock, H. L. 1435
 Bock, R. E. 4028
 Bockhardt, I. 4343
 Bocquentin, R. 1256, 1799
 Bocquet, J. P. 1955-1956
 Boden, K. 192
 Bodhidatta, L. 3803
 Boeke, J. D. 2277
 Boemo, C. M. 4666
 Boer, J. 165
 Bogaert, C. 5113-5114
 Bogardi, B. 1992
 Bogardi, J. J. 1992
 Bogin, E. 3740
 Bogner, J. R. 3050
 Bohoussou, K. M. 3830
 Bohrmann, R. 3276
 Boibieux, A. 1795, 1956, 5053
 Boisseau, M. R. 2744
 Bojang, M. 2565
 Böker, K. 1127
 Bokovi, K. 491, 496
 Bolaji, O. O. 383
 Boland, G. J. 4805
 Bolelia, G. 3596
 Boligno, B. 3807
 Bolmer, M. G. 806
 Bolotina, L. A. 2378
 Bolton, P. 2492
 Bompard, Y. 1665, 2536, 4161
 Bon, J. C. 3824
 Bonaldi, M. C. 150, 224
 Bond, P. 769
 Bondi, F. S. 2953, 4479
 Bondurand, A. 4173
 BonDurant, R. H. 168, 213
 Bonfante-Garrido, R. 813, 816
 Bongain, A. 4802
 Bongertz, V. 4446
 Bongrand, P. 132, 2522
 Bonhomme, A. 2660, 2696
 Bonilla, P. 3806
 Bonin, A. 4788
 Bonnefoy, S. 259, 1463, 4008, 4074
 Bonnet, N. 2696
 Bonnin, A. 146, 653
 Bonnot, G. 1166
 Bono, V. del 4143
 Bonomi, A. 2550
 Bonsdorff, C. H. von 2674
 Bonsembiante, P. 3350
 Bonura, L. 1825
 Bonventre, P. F. 696
 Boohene, A. G. 2951
 Boom, J. D. G. 1425
 Boom, J. H. van 3594
 Boomker, J. 2975
 Boonsaeng, V. 4260
 Boonyaratpalin, S. 1128, 2157
 Boothroyd, J. C. 759, 1815, 1861, 1892, 2768, 3611, 4010, 4548
 Bootsma, H. J. 3084
 Boquentin, R. 2450
 Bor, A. 3740
 Borchard, F. 4366
 Borchardt, K. A. 439, 4268
 Bordenave, G. 4901
 Boreham, P. F. L. 108, 1061, 1939, 2015, 2288, 3630, 3905, 4959
 Boreham, R. E. 4301
 Borghi, V. 2134
 Bories, C. 1990
 Boriga, D. A. 3284
 Borisenko, K. K. 4162
 Borisenko, N. I. 2958
 Bork, P. 733
 Borleffs, J. C. C. 2649
 Bornstein, S. 1000
 Borochovitz, D. 342
 Borot, C. 2870
 Borotz, S. E. 3711, 4209
 Borowitz, S. M. 2833
 Borowy, N. K. 242, 892
 Borre, M. 1111, 3958
 Borre, M. B. 266
 Borst, P. 747, 749, 1866
 Borzoni, F. 1159
 Bos, H. J. 185, 3551
 Bos, R. 4606
 Bosco, P. 5042
 Böse, R. 1185
 Bose, T. K. 2241
 Bosgraad, C. 928
 Boslego, J. 5054
 Bosma, L. 210
 Bossche, H. Vanden 3329
 Bosseno, M. F. 1494, 4250
 Botelho, C. 1722
 Botha, W. S. 480, 3424
 Bottone, E. J. 3029
 Botzenhart, K. 3368
 Bouaphan, S. 2535
 Bouattour, A. 2341
 Bouche, H. 3465
 Bouchet, F. 405
 Bouchokhi, A. 2427
 Boudier, P. 4788
 Boudghene-Stambouli, O. 2532
 Boudhina, T. 3815
 Boudin, C. 1494
 Boudreau, E. F. 353
 Bougoudogo, F. 1573
 Bouharoun-Tayoun, H. 1543, 3107, 4005
 Bouix, G. 1054, 1749, 3940
 Boulard, C. 1425
 Boulanger, C. 1805
 Boulanger, F. 2696
 Boulard, Y. 405, 2663
 Boulo, V. 2167, 2704
 Boulos, M. 2231
 Boulout, P. 3984
 Bouloumie, J. 2799
 Bouma, M. E. 4905
 Bourdoiseau, G. 3351
 Bourée, P. 1166, 1676, 1957, 2856, 3826, 4165
 Boureima, H. S. 4183
 Bourgeade, A. 5035
 Bourguin, I. 645
 Bouried, Y. 4725
 Bourne, T. 4977
 Bourzat, D. 809
 Bout, D. 645
 Bout, D. T. 1378
 Bouteille, B. 928, 2355, 4717, 4739
 Bouthillier, Y. 1405
 Boutillon, C. 1379
 Boutin, J. P. 2937
 Bouvier, M. 1804
 Bouza, M. 3879
 Bowerman, R. J. 1663
 Bowie, W. 277

- Bowman, D. 3668
Bowman, D. D. 2656, 2968
Boyce, M. S. 3636
Boyer, K. 4208
Boylan, C. J. 3335
Boylan, C. T. 336
Boyle, M. J. 1937
Bozan, H. 2099
Bozdog, C. 1294
Bóznér, P. 216
Bozzette, S. A. 3048
Braack, L. E. O. 2093
Brabin, B. 1123
Brachet-Liermain, A. 1565
Bradbury, P. C. 4699
Bradford, B. C. 1337
Bradley, M. 4942
Bradt, B. 1137
Braendli, B. 3379
Braffman, M. N. 2841
Braga, R. R. 825, 1292, 1882, 2031, 3009, 3390
Brågas, B. 2873
Bragg, R. R. 2100
Bragina, E. E. 1057
Braham, R. L. 3312
Braile, D. M. 3375
Brambilla, E. 1208
Brandão, F. C. 2568
Brandely, M. 4628
Brandling-Bennett, A. D. 1410, 5039
Brandonisio, O. 1080, 1094-1095, 3908, 4449
Brandt, R. T., Jr. 517
Brasquet, P. 4658
Bras, J. le 363, 861, 3288
Bräscher, H. M. 2882
Brasseur, P. 2240, 3281-3282, 4185
Bratt, D. E. 478, 4716
Brattig, N. W. 4996
Braun, U. 503
Braun-Breton, C. 4056
Braunius, W. W. 455
Bray, P. G. 2880
Bray, R. A. 4709
Braz, L. M. A. 4112
Breart, G. 3246
Breckenridge, A. M. 2871, 4654
Breischwerdt, E. B. 2084
Breman, J. G. 2819
Bremer, H. J. 2371
Brenner, Z. 611, 1997, 4635
Bregues, C. 3177
Bregues, J. 398
Brenière, S. F. 3177-3178, 4250
Brenner, E. 940
Brenniman, G. R. 3198
Breslow, N. 940
Bretaña, A. 1789
Breton, J. C. 4739
Brette, R. P. 2636
Breux, J. P. 3480
Brevik, L. 1011
Brewster, D. 1423, 3544, 4886
Brewster, D. R. 4038
Brey, P. T. 3743
Brézin, A. P. 3344
Bricaire, F. 2021, 2885
Briceland, L. L. 4229
Bridges, A. 4358
Briggs, D. J. 167
Brightwell, R. 3324
Brillhart, D. B. 4328, 4821
Brindle, J. 954
Brindle, R. 2174
Bringaud, F. 4082
Brinkley, C. 3767
Brinkmann, U. 1037, 1039
Bristol, J. R. 2612, 4490
British Journal of Obstetrics and Gynaecology 4261
Brittenham, G. M. 1980
Britton, S. F. F. 2713
Broaddus, V. C. 86
Brochier, B. 1505
Brockelman, C. R. 3330, 4260
Brockie, R. E. 3877
Broder, A. 2752
Broderon, J. R. 189, 479, 677, 3554, 4020, 4734
Brodin, T. N. 4544
Broemme, S. 3801
Broers, C. A. M. 3022
Bromke, B. J. 2907
Brøndum, V. 1731
Bronner, U. 1982
Bronsdon, M. A. 661, 4735
Brook, M. G. 2537
Brooks, D. R. 1483, 4833
Brooks, W. M. 4386
Brose, E. 151
Brossard, M. 1675
Brossy, J. J. 4771
Broughton, M. C. 898
Brousselle, C. 1683
Broussier, P. M. 2143, 4157
Broussin, B. 4263
Brouwer, B. O. 202, 4480
Brown, A. 4494
Brown, A. E. 282, 1418, 4079, 4473
Brown, A. R. 1775
Brown, C. 47, 1350, 2155
Brown, C. C. 535, 2732
Brown, C. G. D. 250, 1384, 1918, 2687, 4465
Brown, D. 1542, 3761
Brown, D. N. 811
Brown, D. R. 4808
Brown, E. A. 3318
Brown, F. 676
Brown, H. J. 741
Brown, J. 4837
Brown, J. E. 2821
Brown, K. N. 672, 4977
Brown, M. 574
Brown, M. E. 500
Brown, N. J. 3039
Brown, R. L. 2043
Brown, S. D. 4075
Brown, S. T. 2109
Brown, T. J. 49, 3877
Brown, W. C. 435, 628, 1385, 2675, 4529
Brownlee, A. G. 4743
Brownstein, D. G. 3010
Bruce, J. 2786
Bruce, J. I. 4504
Bruce-Chwatt, L. J. 4702
Bruchfeld, J. 1205
Bruchhaus, I. 237
Brucker, G. 2795, 3817
Brueckner, R. P. 5098
Brueeton, M. J. 2628
Brujin, E. A. de 5091
Bruin, D. de 3622
Brunner-Korvenkontio, H. 1719
Brun, R. 767, 2762
Brunel, M. 4804
Bruneton, J. 884
Brunette, E. N. 863
Bruno, A. 1045, 1161, 4553
Bruno, D. W. 3904
Bruppacher, R. 5055
Brustia, R. 1045
Bruun, L. S. 2691
Bryan, R. T. 88, 429, 2908, 4790
Bryceson, A. D. M. 3845, 4686
Bryson, H. M. 5088
Brzeska, H. 734, 3142, 4921
Buades, J. 3911
Bualombai, P. 4450
Bubb, M. R. 1140
Buchanan, N. 1355
Buchholz, B. 2376
Buchness, M. R. 2517
Buchvald, D. 4496
Buchwalder, R. 1902
Buck, A. C. 2785
Buck, G. A. 746
Bucke, D. 2597
Buckland, J. A. 3692
Buckley, R. M. 2841
Buckner, R. G. 3416
Buckwitz, D. 4680
Buelow, R. 4010
Buening, G. M. 1996, 2216, 2339, 4842
Bueno, H. 804
Bueno, J. A. 3403
Buerget, C. D. 1707
Buestel, M. L. 4730
Buff, D. D. 4659
Buga, R. 2054
Buguet, A. 3776
Bujas, M. A. 2306
Bukovsky, I. 3262
Bula, M. 2203
Bulat, S. A. 4560
Bull, J. J. 3504
Bull, R. J. 404
Bulletin of the World Health Organization 2504
Bullis, R. A. 3891
Buloba, A. 2054
Bülöw, R. 1815
Bumstead, N. 4885
Bunazawa, M. 3066
Bunge, M. M. 53
Bunn-Moreno, M. M. 2721
Bunnag, D. 195, 2425, 2871, 4168
Bunton, T. E. 3888
Buracco, P. 3456
Buranathai, C. 4152
Burchard, G. D. 1783, 2778, 3179, 4996
Burchell, A. 2418
Burchik, M. A. 978
Burdge, D. R. 2651
Burdick, D. A. 3886, 4371, 4820
Buret, A. 4904
Burg, J. van den 750
Burge, J. R. 1514
Bürge, P. 576
Bürger, H. J. 1383
Burgos, M. H. 945
Burini, R. C. 3560
Burkholder, W. J. 3875
Burki, Y. 671
Burnouf, T. 1543
Burns, J. M., Jr. 1768, 2175, 3074, 4546
Burns, S. 2636
Burns, S. M. 1740, 3748
Burr, A. J. 4704
Burriss, J. A. 658
Burrows, C. M. 772
Burstein, O. 3699
Burton, A. 4361
Burton, R. 1006
Burzoni, G. 1027
Busch, M. 574
Busch, W. 2193
Buschbom, R. L. 4003
Büscher, P. 4864
Buschiazzi, A. 3623, 4954
Büsen, W. 2757
Bush, G. J. 1923
Bush, J. B. 466
Bush, M. 3432
Bushell, G. R. 284, 4577
Buskila, D. 1983
Buss, H. 4950
Bussières, J. 2026, 2496
Bussiere, H. 4050
Bussmann, H. 2371
Bustos, D. 2545
Bustos, D. G. 4169
Butcher, B. A. 4988
Butcher, E. C. 2172
Butcher, G. A. 3196
Butcher, G. D. 4340
Butera, M. 2336
Butler, K. M. 5068
Butt, M. T. 2005, 3668
Button, L. L. 1768, 4962
Buxbaum, L. 4939
Buxbaum, L. U. 3290
Buxton, D. 185, 1772, 2985, 3231, 3453
Bvirakare, J. 1627
Byass, P. 1280, 1498, 1810, 4685, 5025
Bye, R. 1576
Byers, T. L. 3299
Byford, B. 423
Byggbjerg, I. 1981
Byggbjerg, I. C. 199, 3702
Bylén, E. K. C. 2658, 3064
Bzik, D. J. 1456, 1471
Caballero, E. 2943
Cabanchik, Z. I. 1073
Cabaret, J. 5133
Cabel, M. C. 1198, 1229, 1234
Cabib, E. 1903
Cable, R. G. 321
Cabral, G. A. 4411
Cachin, M. 204
Cachola, R. 590
Cadavid, A. P. 2963
Cadranet, J. 619
Caffarelli, A. 845
Cahill, K. M. 5160
Caillard, V. 1556
Cailliet, B. 3397
Caillot, D. 3718
Calabrese, K. S. 4481
Calabresi, A. 4900
Caldarola, G. 1500
Caldas, J. R. 1721
Calderon, A. 3806
Calderon, J. 3097
Cali, A. 88, 1344, 3347, 4790
Calia, G. M. 3915
Calia, V. 1095
Calicó, I. 2943
California Collaborative Treatment Group 3263
Caligaris, S. 2395
Calitri, V. 1175
Callahan, H. L. 2397
Calle, M. C. 1386
Callens, M. 2751
Calonghi, G. F. 3989
Calvo-Méndez, C. 4062
Calvosa, V. S. 1567
Calzado, A. I. 2134
Calzado-Flores, C. 2254
Camacho, C. 2041
Camargo, E. P. 1488, 4558
Camargo, I. J. B. 174, 4423
Camargo, L. M. A. 4294, 4953
Camargo, M. E. 3069, 4442
Cambeilh, C. 4263
Cambie, G. 1556, 1936
Camerlynck, P. 146, 653
Camino, N. B. 3442
Campbell, A. J. 2409
Campbell, C. C. 848, 4123, 5002
Campbell, G. H. 835, 3222, 3554, 4020
Campbell, G. M. A. 1
Campbell, H. 1280
Campbell, N. 4159
Campbell, S. W. 3932
Campbell, T. W. 567-568
Campetella, O. 644, 2763
Campetella, O. E. 4954
Campiadi, S. 3527
Campino, L. 48, 314
Campo, F. del 2130
Campos, R. 4112
Campos-Neto, A. 1823
Campos-Outcalt, D. 2347
Camps, W. 2003
Camus, D. 232, 1487, 1614, 4829
Camus, E. 1838
Canada, McGill Institute of Parasitology 3361
Canadian Veterinary Journal 942
Canale, D. 3213
Cañas, L. 2963
Cañavate, M. C. 5000
Cancrini, G. 975
Candilo, F. di 3693
Candolfi, E. 3528
Cane, R. D. 2139
Canessa, A. 4143
Canestri-Trotti, G. 1001
Canet, R. 2524
Cannella, D. 3752
Canning, E. U. 1287, 1345, 2802, 3059, 3486, 4374, 4389

- Cannon, S. E. 4123
 Canque, B. 779
 Cantó Alarcón, G. J. 2216, 2339
 Capbern, M. 3818
 Capella-Pavlovski, M. 2731
 Capinzaiki, A. N. 1531
 Capote, J. 3857
 Cappa, S. M. 2688
 Cappa, S. M. G. 1331
 Cappai, R. 4952
 Cappell, M. S. 3920
 Cappuccinelli, P. 85, 1242
 Caprio, D. di 2503
 Capriulo, G. M. 3890
 Capron, A. 127, 1379, 1805, 2297, 2706, 3085, 3999, 4405
 Carael, M. 15
 Caramello, P. 2912
 Carbajal, C. M. A. 4911
 Carcy, B. 1366, 2782
 Cardenas, F. 4653
 Cardenas, M. 2207
 Cardoni, R. L. 171
 Carelli, G. 1080, 1094
 Carey, D. 1937
 Carey, T. 3800
 Cargnel, A. 5003
 Carles, G. 1677
 Carli, G. de 2240
 Carli, P. 4050
 Carlier, Y. 1363, 1763, 1811, 3542, 4002, 4250
 Carlos, C. C. 4169
 Carlson, J. 1170
 Carlson, J. F. 4179
 Carlsson, J. 124, 152, 1000
 Carlton, J. E. 3087
 Carme, B. 876, 1507, 2865, 3713, 4156
 Carmichael, A. 2921
 Carmona, E. 4581
 Carneiro, M. 4697
 Carnemolla, T. 2998
 Carnevale, P. 1494, 2897, 3246, 3651, 3906, 4114, 4602
 Carney, W. P. 449
 Carnot, F. 3465
 Caroli, G. 1171
 Caron, A. 2706, 3999
 Carosi, G. 2395, 2725
 Carpenter, C. 2831
 Carpenter, J. 5001
 Carpenter, J. L. 1302
 Carr, T. J. 4690
 Carrasco, H. A. 442
 Carrasco, M. 4304
 Carrasco, R. 2041
 Carrazana, E. J. 575, 3479
 Carreres, A. 3040
 Carrington, E. G. 356
 Carrington, M. 267, 2258
 Carro, M. D. 3866
 Carrow, M. 3042
 Carson, C. A. 3952
 Cartas, O. 4323
 Carter, K. C. 1929, 4194
 Carter, R. 617, 786, 1079, 1467, 1527, 1785, 2013, 4007, 4455, 4497, 4534, 4883, 4886, 4899
 Carteron, B. 4730
 Cartun, R. W. 1251
 Carvalho, E. M. 194, 1285, 1768, 3511
 Carvalho, J. F. O. 3172
 Carvalho, L. C. P. de 4446
 Carvalho, L. P. de 1618, 3158
 Carvalho, M. R. 4445
 Carvalho, R. W. 4324
 Carvalho, T. L. L. 711, 4489
 Carvalho Moreira, C. J. de 3219
 Carvalho Pinto, J. C. 4329
 Carvalho-Varela, M. 4598
 Carver, M. A. 3160
 Casa, C. de 2788
 Casaglia, O. 4302
 Casanova, J. L. 1794
 Casara, P. 3299
 Cascio, A. 2047
 Case, S. E. 1082
 Caselli, D. 1046
 Casemore, D. 2787
 Casemore, D. P. 304, 2916, 3204
 Casey, M. J. 2063
 Casey, N. H. 3321-3322
 Casillas, A. 3041
 Casler, J. D. 974
 Caspers, P. 179, 671
 Caspi, E. 3262
 Cassina, G. 1265
 Casson, L. W. 3205, 3229
 Castagnaro, M. 2232, 4777
 Castaldo, D. J. 1230
 Castañeda, P. 1576
 Castellani, A. 3770
 Castellani, F. 2395
 Castellón, E. G. 4307
 Castes, M. 3523
 Castilho, C. 390
 Castle, M. D. 1105
 Castrillon G., M. 4368
 Castro, A. C. L. de 2035
 Castro, C. R. de 1586
 Castro, F. A. 824
 Castro, F. T. de 3172
 Castro, J. A. 1586
 Castro, S. L. de 2433, 3137
 Casu, R. E. 4462
 Catanzano, G. 4739
 Catanzaro, A. 2915
 Catarinella, G. 4140
 Catchpole, J. 3081, 4409
 Catimel, B. 4102
 Cattand, D. 4874
 Cattand, P. 1173, 2531, 4255, 4873
 Catte, L. de 425
 Catterall, R. D. 3386
 Caudioti, C. 127
 Caumes, E. 3817
 Cavagión, L. 1188
 Cavalcanti, H. 4474
 Cavaletti, M. L. 3843
 Cavalli, N. H. 1331
 Cavallini, C. 4302
 Cavé, A. 1577
 Cawthorn, R. J. 923, 1147, 1337, 3063
 Cayatte, S. 3537
 Cazaux, M. 1505-1507
 Cazenave, J. 2744, 2917, 4263, 5137
 Cazzulo, J. J. 269, 644, 744, 1445, 2763, 4530
 Cecco, L. de 5042
 Cecconello, I. 203
 Céceré, M. C. 2306
 Ceci, L. 1080, 1094
 Cegielski, J. P. 1320
 Celentano, A. M. 2688
 Cellesi, C. 2048
 Cellier, C. 2836
 Cencetti, A. 2558
 Cerami, A. 223, 1441, 1864, 3152-3153
 Cerami, C. 4923
 Cerban, F. 1072
 Cerci, H. 158, 2112
 Cereijo, M. J. 3457
 Ceriani, C. 3157
 Černá, Z. 4761
 Cerrone, M. C. 2222, 3116
 Certa, U. 671, 2607, 4080
 Certad-Fombona, G. 5087
 Červa, L. 2039
 Cesbron, J. Y. 4829
 Cesbron, M. F. 4405
 Cesbron-Delauw, M. F. 1379, 3340
 Cestaro, A. 4991
 Cevallos, A. M. 2122, 2197, 3027, 4400
 Cevini, C. 1045, 4553
 Cgabogaja, N. 916
 Chabac, S. 2884
 Chabala, J. C. 2821, 2881
 Chabasse, D. 1885
 Chabaud, A. 1936
 Chabaud, D. 1556
 Chabchoub, A. 1332
 Chadee, K. 191, 660, 3131, 4422, 4902
 Chaen, S. 3408
 Chaffanjon, P. 3926, 5062
 Chagas, C. 1635
 Chagnon, A. 4050
 Chagot, D. 4943
 Chai, J. Y. 290, 4308
 Chaisson, R. 423
 Chait, B. 1441
 Chakhtoura, F. 3837
 Chakrabarti, D. 247, 4081
 Chakrabarti, N. K. 3681, 3712, 4644
 Chakrabarty, P. 3191
 Chakraborty, A. K. 1854
 Chakraborty, M. 4501
 Chakraborty, P. R. 1145
 Chakravorty, N. K. 3251
 Chalcroft, S. 2409
 Chamart, S. 1602
 Chamarukkula, C. 916
 Chamberland, M. 1659
 Chambó, J. G. 2720
 Chambon, J. 3820
 Champeau, Y. 1805
 Chan, C. K. 2617
 Chan, J. C. 1741, 3046
 Chan, S. W. 4541
 Chan, Y. C. 1750
 Chan Bin 2962
 Chan Tchi Yen 2962
 Chan Tkhi Uien 2962
 Chand, S. K. 4999
 Chandenier, J. 312, 876, 2865, 3713
 Chander, R. 1133
 Chandler, F. W. 4288
 Chandra, D. 2012
 Chandra, G. 5127
 Chandra, S. 2384, 3254
 Chandrasekar, P. H. 3043
 Chandrawathani, P. 41, 2068
 Chanez, P. 2632
 Chanfreau, B. 3993
 Chang, C. 5106
 Chang, F. Y. 4299
 Chang, G. N. 2588
 Chang, H. R. 4016
 Chang, J. T. 3024
 Chang, K. P. 782, 1875, 4958, 4967
 Chang, R. R. 3021, 3024
 Chang, S. P. 1082, 2671, 3080, 4839
 Chang, W. S. 1101
 Chang-Chien, C. S. 4293
 Chantavanich, P. 1543
 Chao, C. C. 4498
 Chao, S. 1101
 Chapelon, C. 4222
 Chaplin, E. L. 2568, 2591, 2719, 3855-3856, 3881
 Chapman, D. 1423
 Chapman, H. D. 839, 3252, 3710, 4013
 Chapman, P. A. 988, 1098, 1248, 2786
 Chapman, P. F. 553
 Chapman, W. L., Jr. 1544
 Char, S. 2004, 3625
 Charache, P. 423
 Chardes, T. 645
 Charles, C. F. A. 4787
 Charles, S. X. 3199
 Charleston, W. A. G. 1084
 Charlton, B. R. 1313
 Charmley, L. L. 1693
 Charmot, G. 1952, 4182
 Charoenvit, Y. 3554
 Chartier, C. 308, 995
 Chatterjee, R. 3524
 Chatterji, K. K. 5020
 Chattopadhyay, D. 3524
 Chau, F. 4147
 Chauca, G. 3959
 Chaudhri, S. S. 1793
 Chaudhuri, G. 1875
 Chaudhuri, P. P. 164
 Chauffert, B. 3718
 Chauhan, P. P. S. 3012
 Chauhan, V. S. 3967
 Chaumeil, C. 4438
 Chaussade, S. 1829
 Chaussain, M. 3382
 Chauvin, J. P. 1949
 Chavallion, J. M. 3925
 Chave, J. P. 2333, 3922, 5057
 Chaves Serras, A. 4035
 Chavez, U. B. 3140
 Chavkin, M. J. 3874
 Chawki, M. H. 2067
 Che, H. L. 3346
 Chechani, V. 428, 4358
 Check, I. J. 1764
 Chedanne, P. 2066
 Cheema, A. H. 3878
 Cheema, H. I. 4749
 Cheesbrough, J. S. 2546
 Cheever, A. 4014
 Chegou Abari, A. 2473
 Chéhadé, A. K. 1202
 Cheimmaraj, K. 3996
 Chema, S. 491, 856
 Chen, C. 3248, 5045
 Chen, C. F. 4454
 Chen, D. 5055
 Chen, F. 2903
 Chen, F. K. 2769-2770, 2822
 Chen, G. 580, 1574
 Chen, G. J. 2683
 Chen, J. J. 4293
 Chen, J. L. 1101
 Chen, J. P. 3312
 Chen, L. S. 2513
 Chen, P. P. 435
 Chen, S. S. 3164
 Chen, S. W. 3046
 Chen, S. Y. 1058, 1752, 2563, 2756, 2771, 2923
 Chen, W. L. 3024
 Chen, W. X. 3078
 Chen, X. J. 650
 Chen, Y. T. 3052
 Cheng, B. Y. 2699
 Cheng, G. 1021
 Cheng, Q. 265, 1853
 Cheng, Q. L. 4930
 Cheng, T. C. 456
 Cheng, Y. L. 1190
 Cheng, Y. S. 2588
 Chenu, P. 4476
 Cheringou, H. 1972
 Chermette, R. 1831, 2026, 2496, 2810
 Chetty, M. S. 3404
 Chevallier, M. 2739
 Chevon, M. 777, 1889, 2415, 4226, 4984
 Chew, S. 774
 Chew, S. L. 4365
 Cheyrou, A. 2917
 Chhabra, M. B. 2467, 3860-3861
 Chhabra, R. C. 39, 1691
 Chhotray, G. P. 1682
 Chi, E. Y. 288
 Chi, J. G. 4308
 Chiappini, J. 3819
 Chiappino, M. L. 1632
 Chiaramonte, M. 2311
 Chiari, C. A. 1184
 Chiari, E. 1583, 4332, 4415, 4537, 4679, 4697
 Chico, M. E. 860
 Chico, H. M. 785
 Chicoteau, P. 1839
 Chieffi, P. P. 2305, 2471
 Chiesa, R. 1163
 Chikuni, O. 5086
 Childs, G. E. 353
 Chiller, T. 4607
 Chilmoneczyk, S. 1343, 3949
 Chilton, N. B. 3630
 Chime, A. B. 4319
 Chimelli, L. 3841
 Chimfwembe, E. C. 4872
 Chinchilla, M. 44, 2804, 4036, 4140
 Chinombo, D. 1534
 Chinombo, D. O. 505
 Chiodini, P. L. 2689, 3081

- Chiofalo, M. S. 4432
Chiori, C. O. 5105
Chiou, S. S. 4293
Chippaux, J. P. 1570, 2835
Chishti, A. H. 4582
Chishti, M. A. 3878
Chitambo, H. 2861
Chiteka, F. 1627
Chitkara, S. 1246
Chiu, C. T. 4293
Chiu, H. W. 1313
Chiu, J. 3263
Chiu, K. W. 4293
Chizzolini, C. 145, 629, 640
Ch'ng, S. L. 2853
Cho, Y. D. 420
Chobotar, B. 3498
Chochillon, C. 1168, 1591, 1796, 2582
Choi, I. 225
Choi, W. Y. 291, 3637, 4096
Choisy, H. 1953
Chomette, G. 4222
Chongsuphajaisiddhi, T. 372, 1543, 3307, 4196
Chonmaitri, I. S. 4473
Chooi, K. F. 1303, 2061
Chopard, P. 5057
Chossonnery, A. 1013
Chou, P. T. 4299
Choudhri, Y. 1895
Choudhuri, G. 4017
Choudhuri, P. C. 3872
Choudhury, D. S. 4999
Choudhury, N. 163, 3990
Chougnat, C. 618, 789, 1067, 1774
Chowdhury, A. B. 2036
Chowdhury, S. 330
Chown, S. 3892
Chrip, C. E. 4384, 4418
Christensen, C. B. V. 4413
Christiaens, D. 2046, 4628
Christie, D. I. 4692
Christy, P. E. 4765
Chroust, K. 1029, 1215, 4313
Chu, A. C. 3724
Chuah, S. K. 4293
Chuahirun, S. 31
Chuanak, N. 5138
Chuaqui, R. 2141
Chugh, K. S. 4908
Chuit, R. 3213, 3664
Chukwu, A. 5105
Chulay, J. D. 285, 1410, 1818, 4029
Chuma, F. 2455
Chumpitazi, B. F. F. 4047
Chung, H. M. M. 1151
Chung, P. R. 3956
Chunge, C. N. 3809
Chunge, R. N. 14, 1275, 2909
Chunina, L. M. 1912
Chuong Dai Do Thi 4964
Chusilp, K. 1115
Chute, M. B. 1197
Chuttani, C. S. 1895
Chyzyaka, H. G. B. 4705
Ciani, M. 1002
Ciarmoli, P. 1081
Cibulskis, R. E. 4552
Cicchetti, G. 3797
Ciceron, L. 3713
Ciferri, F. 4807
Cifuentes, J. 3333
Cignarella, L. 4841
Cillari, E. 845, 4015
Ciomei, M. 5094
Ciribilli, J. M. 3820
Civas, A. 2176
Clabough, G. 2469, 3754
Clark, C. G. 1472, 3565, 3631
Clark, D. 2132
Clark, I. A. 1364, 1416, 2413, 3117
Clark, M. 3063
Clarke, J. B. 366, 2878, 4231
Clarke, L. E. 1470
Clausen, C. R. 4692
Clausen, P. 1839
Clausen, P. H. 632, 2226
Claveria, F. G. 1382
Clavier, F. 897
Clavies, C. 2167
Clavijo, O. P. 1786
Clavijo, P. 1386, 3954, 4593
Clavin, A. M. 3684
Claxton, J. R. 2358, 2965
Claxton-Gill, M. S. 5116
Claydon, E. L. 2132
Clayton, C. 1150, 4970
Clayton, D. H. 1887
Clayton, G. M. 2712
Clemens, R. 1435
Cleveland, P. 5111
Clezy, K. 2820
Clifford, D. J. 2056, 2565
Clifton-Hadley, R. S. 2440, 2597
Clinical Pharmacy 2365, 2367
Clopton, R. E. 2153, 4370, 4584
Closets, F. de 3100
Clotet, B. 3040, 3734, 4155
Clubb, S. L. 4337
Clumuck, N. 1984, 3263
Clyde, D. 1773
Clyde, D. F. 2775
Coates, J. C. 942
Coburn, C. M. 1874, 4972
Cocca, E. 977
Cochennec, N. 2704
Cochran, M. A. 2775
Cochrane, A. H. 4593
Cock, K. M. de 3047
Cockerell, C. J. 2625
Cockerill, F. R., III 3303-3304
Cocconnier, M. H. 780
Codner, E. S. 873
Coelho, J. dos R. 2128
Coetzee, J. 5124
Coffman, R. L. 3970
Cogswell, F. B. 283, 4700
Cohen, A. 4226, 4984
Cohen, G. 3704
Cohen, L. M. 4965
Cohen, M. T. 1273
Cohen, O. J. 2142
Cohen, S. B. 2538
Cohen, S. J. 3638
Cohen-Khallas, Y. 3997
Cohn, C. S. 761
Cohn, D. L. 2633, 5043
Cokendolpher, J. C. 2152
Coker, R. J. 2132, 2647
Colberg, M. 1229
Colbourne, J. 3203
Colbourne, J. S. 2785
Cole, S. R. 1251
Calebunders, R. 376
Calebunders, R. L. 4365
Coleman, G. S. 2931, 4520
Coleman, R. E. 3684
Coles, B. H. 1961
Coll, S. 1738
Coll-Seck, A. M. 1951
Collard, A. 1300
Collet, J. Y. 2660
Collett, D. 798
Colley, D. 2610
Colli, W. 2747
Collignon, P. 355
Collins, D. A. 4737
Collins, H. 2529
Collins, J. D. 501
Collins, M. 4194
Collins, R. T. 2324
Collins, W. E. 189, 283, 444, 479, 629, 677, 1108, 2325, 2764, 3554, 4020, 4494, 4624, 4734, 4897
Coloma-Torres, L. 3588
Colombani, P. M. 773
Colthurst, D. 275
Coluzzi, A. 3357
Coluzzi, M. 1100
Colwell, L. F. 2821
Combarro, M. P. C. 447
Combes, C. 4103
Combrink, M. P. 818
Comfurius, P. 298
Comlanvi, C. E. 4183
Comley, J. C. W. 1987
Comment, C. E. 1225
Commings, M. A. 4892
Committee on Terminology, Japanese Society of Parasitology 3358
Committee to Advise on Tropical Medicine and Travel 3271
Compaore, P. 494
Comps, M. 2162
Comte, P. 1601
Conceição-Silva, F. M. 791
Condom, M. J. 3040, 4155
Condon-Rall, M. E. 4278
Cone, D. K. 4345, 5145
Conge, A. M. 3984
Coninck, B. de 3727
Conley, F. K. 1398
Conly, J. M. 4800
Conner, D. L. 2656
Conner, G. 5128
Connolly, K. J. 4478
Connolly-Stringfield, P. A. 1735
Connor, R. 856
Connor, R. J. 536, 2303
Conrad, J. T. 616
Conrad, P. 210, 4529
Conrad, P. A. 435, 1385, 2237, 2967
Conroy, D. A. 1270
Conroy, G. 1270
Constantine, G. 2543
Constantinescu, V. 999
Conte, F. 1130
Conti, O. 522, 4595
Contini, C. 2144, 4359, 4841
Contreras, M. del C. 27, 438
Contreras-Bretaña, M. 1789
Conway, D. J. 1152, 2681
Cook, G. C. 1915
Cook, R. W. 1426
Cooke, K. 2798
Cooke, K. R. 305
Coombs, G. H. 926, 1263, 3253, 4938
Cooper, C. 3537
Cooper, C. B. 2414
Cooper, D. A. 1937, 4812
Cooper, G. L. 1313
Cooper, J. 1853
Cooper, J. A. 3612
Cooper, J. E. 1314
Cooper, L. T. 3612
Cooper, N. R. 1137, 4018
Cooper, P. J. 1940
Cooper, R. 264
Cooppan, R. M. 4478
Coosemans, M. 2322, 2814, 4693
Coovadia, H. M. 1778
Copeland, C. B. 2211
Copeland, J. G. 2639
Copeland, R. S. 406
Coppe, P. 1300
Coppel, R. L. 674, 741, 1792, 2753
Coppens, I. 1791
Coppola, F. 2634
Corachán, M. 1835
Corazza, M. 1211
Corbeil, L. B. 614, 1357, 3644
Corbett, C. E. P. 4906
Corcoran, G. D. 3132
Corcoran, L. N. 674
Cordes, D. H. 2347
Cordey, A. S. 3546
Cordoves, C. O. 2206
Cordovi, R. 3879
Corell, R. A. 4072
Corkery, K. J. 327
Corliiss, J. O. 1759, 4825
Cornelissen, A. W. C. A. 3169, 3619, 3628
Cornette, J. 127
Coronel, V. V. de 301
Coronell, C. 1821
Corradin, G. 2173, 3546, 4421, 4845
Corral, L. 590, 948
Corral, R. S. 668, 3094
Correa, F. M. A. 2304
Correa, F. M. A. 2314
Correa, I. E. 4118
Correa, P. 3828, 3831-3832
Corsini, E. 1225, 4201
Cort, R. 2194
Cortes, D. 1577
Cortese, J. 1773
Cortese, J. F. 2775
Cortez, S. 1561
Cory, M. 385, 5090
Cosenza, H. 1158
Coskun, B. 397
Cosma, V. 2386-2387
Cossentine, J. E. 218
Costa, C. A. da 1502, 4403
Costa, E. M. 4581
Costa, F. 4987
Costa, J. R. 3041
Costa, S. C. G. da 3974
Costa Durão, J. F. 3869
Costa Ribeiro, H. da, Jr. 599
Costa Rocha, A. L. da 2035
Costanzo, G. R. 3014
Coste, F. 3940
Coster, D. J. 4765
Costin, C. 2946
Cot, M. 2827, 3246
Colch, M. F. 5005
Cote, J. 1821
Côté, M. A. 4764
Cote, R. J. 3932
Cotte-Roché, C. 1829
Cottle, R. 306
Cottoni, F. 1177
Cotty, F. 3100
Couet, W. 5097
Coulaud, J. P. 3288
Coulanges, M. 1636
Coulanges, P. 300, 789, 1289, 1510, 1571-1572, 1636, 2663, 2790-2792, 2866, 3258
Coulaud, J. P. 1952, 4182
Coulbaly, A. 1511, 3839
Coulbaly, B. 1573
Coulbaly, C. O. 3392
Coulbaly, G. 3047
Coulbaly, L. 491, 495, 499, 797
Coulon, P. 4782
Coura, J. R. 76, 1529, 4689
Courtier, B. 2410
Courtney, L. A. 911
Courtney, P. J. 1791
Courval, J. M. 4688
Coutinho, A. 700, 3963
Coutinho, R. A. 2140
Coutinho, S. G. 1531, 4324
Couto, A. S. 2747
Couturier, D. 1829
Couvreur, J. 1665, 2536, 4158, 4161
Couvreur, P. 1990
Coviello, G. 2503
Coville, P. F. 2409
Cowan, F. 2636
Cowan, G. O. 3784
Cowden, W. B. 1364, 1416, 2413, 3117
Cowen, R. K. 790
Cowland, J. 266
Cowman, A. F. 257, 272, 351, 874, 1465, 4952
Cox, D. J. 3654
Cox, F. E. G. 849, 1361, 1607, 1640, 4033, 4134, 5159
Cox, J. 3463
Cox, W. T. 1343
Coyne, P. E. 2891
Cozma, V. 1294
Cozon, G. 3752
Cozzi, E. 5094
Craciunescu, D. 1552, 2424
Craciunescu, D. G. 5087
Craddock, C. 1423
Craig, A. G. 3564
Craig, T. M. 3420
Craig, W. A. 4201
Craighead, L. 2807
Craik, C. S. 3175
Crain, P. F. 4548
Crainiceanu, E. 2439
Crampton, J. M. 769, 4555

- Cranage, M. P. 1426
 Crandall, I. 287, 3129
 Crane, G. 2692
 Crane, G. G. 2698
 Crane, M. S. 1145
 Crary, J. L. 133
 Crato, J. 1205
 Cravey, M. D. 3273
 Crawford, D. L. 4419
 Crawley, J. 1423
 Creasey, A. 4669
 Creasey, A. M. 1757, 1880
 Creedon, K. A. 4951
 Creek, M. J. 1534
 Crepet, D. 1601
 Crespo, E. P. 447
 Crha, J. 4744
 Cringoli, G. 1207, 3057
 Crisan, M. 2235
 Cristina, N. 251, 2476, 3340
 Crocco-Afonso, L. C. 4848
 Croes, H. 2748
 Croft, S. L. 3572, 4627, 5087
 Crofton, J. 5083
 Crommelin, D. J. A. 2421
 Crosata, M. 2550
 Crosley, R. I. 3321-3322
 Cross, A. P. 1564
 Cross, G. A. M. 221, 264, 751, 3579, 3584-3585, 4919, 4934, 4963
 Cross, J. H. 9
 Cross, M. 1154, 2275, 2466
 Cross, M. L. 2179
 Cross, T. F. 3443
 Crouch, A. A. 1485, 1813
 Crozet, M. P. 3296-3297
 Cruz, A. 3614
 Cruz, I. 4035
 Cruz, M. E. 5058
 Cruz, M. Q. da 2882
 Cruz, V. F. de la 183
 Cruz-Reyes, J. A. 4554
 Cryz, S. J. 4021
 Cryz, S. J., Jr. 2715
 Cuba, C. C. I. 1684
 Cuba-Cuba, C. A. 4459
 Cubitt, W. D. 4001
 Cubría, J. C. 2872
 Cucinotta, G. 2085
 Cuellar, O. A. 4911
 Cuéllar Ordaz, J. A. 4499
 Cuisinier-Raynal, J. C. 4730
 Culloty, S. C. 3443
 Cultrera, R. 1213
 Cumming, R. B. 917
 Cummings, J. F. 2656
 Cummins, D. 1597
 Cuna, W. R. 117
 Cuneo, C. A. 4399
 Cunha, J. M. T. 2721
 Cunha Ramos, H. 4110, 4110
 CunhaMelo, J. R. 2729
 Cunick, C. C. 1613, 3565
 Cunningham, A. L. 4812
 Cunningham, D. A. 5139
 Cunningham, J. 162
 Cunningham, L. 2922
 Cunningham, R. B. 2413
 Cuny, G. 3177
 Curfman, M. F. 1735
 Curfs, J. H. A. J. 3679, 4891
 Curnick, K. E. 4463
 Current, W. L. 83, 925, 1712, 2124, 3335, 3899
 Currie, B. 2848
 Currie, D. L. 2139
 Currier, J. 4430
 Currier, J. S. 4632
 Curry, A. 4389
 Curtis, C. F. 912-915
 Curtis, J. L. 2183
 Cusack, R. 4345
 Cushion, M. T. 4518
 Cutcher, A. B. 367
 Cutler, D. 4221
 Cutolo, M. 3848
 Cutting, W. A. M. 2228
 Cvetković, L. 324
 Cybulska, R. 3319
 Czirják, L. 3302
 Da Costa, C. A. 1502, 4403
 Da Costa, S. C. G. 4481
 Da Costa Ribeiro, H. 599
 Da Costa Rocha, A. L. 2035
 Da Cruz, M. Q. 2882
 Da Luz Ribeiro Moitinho, M. 4294
 Da Rocha Westphalen, S. 2471
 Da Silva, A. L. F. F. 812, 823
 Da Silva, J. S. 1823
 Da Silva, L. P. 3963, 4534
 Da Silva, M. H. 173
 Da Silva, N. B. S. 3855
 Da Silva, N. R. 2719
 Da Silva, N. R. S. 993, 2591, 3856
 Da Silva, P. L. 1012
 Da Silva, P. P. 417, 1056
 Da Silva Neto, I. D. 601
 Da Silva Paranhos, G. 4402
 Da Silveira, J. F. 3069
 Da Veiga, V. F. 601
 Dabanian, C. 3527
 Dabire, E. 3392
 DaCunha, A. R. 396
 Dadasheva, N. R. 1900, 4633
 D'Addesio, J. 2032
 Daeschlein, G. 165, 434
 Daffos, F. 144, 1665, 2536, 2731, 4161
 Dagan, R. 2944
 Daggett, P. M. 4272
 Dago-Akribi, A. 3047
 Dai, Y. P. 4512
 Dailey, D. C. 142
 D'Albuquerque, L. A. C. 203
 Dalglish, R. J. 4028
 Dall, W. 1267
 Dallabetta, G. A. 4360
 Dallai, R. 598
 Dalrymple, B. 4577
 Dalrymple, B. P. 284, 4461, 4976
 Dalsgaard, K. 2691
 Dalton, J. P. 646
 Daly, J. J. 2329
 Daly, R. J. 5025
 Daly, T. M. 4546
 Damayanthi 2816
 Dame, J. B. 247, 260, 4081, 4695
 Damiano, F. 1500
 D'Amico, F. 5018
 Damme, J. van 1140
 Damme, W. van 4148
 Damstra, R. J. 3721
 Dan, V. 3813-3814
 D'Andrade, O. M. 2471
 Danforth, H. D. 612, 643, 1105, 4468, 4850, 5115
 Daniel, K. 487, 490
 Daniel-Ribeiro, C. 126
 Daniels, C. W. 3983, 4493
 Daniels, I. M. 929
 Daniels, J. 2922
 Danis, M. 359, 2795, 2885, 3817, 4875
 Dankó, K. 3302
 Dannemann, B. 3263
 Danner, S. A. 3459
 Dantas, R. O. 215
 Danudirgo, E. W. 667, 1492
 Daoud, A. S. 89, 1277
 Daramola, O. O. 1569
 Darban, H. 580
 Darcy, F. 1379, 1805, 2706, 3984, 3999
 Darde, M. L. 4717, 4739
 Dargie, H. J. 2225
 Dargie, J. D. 158
 Darie, H. 3389
 Darío Martínez, R. 3127
 Darji, N. 1633, 2286
 Darle, N. 4303
 Darling, T. N. 772
 d'Arminio Monforte, A. 3270
 Darsana, R. 1006
 Darwish, A. 2802, 3059
 Darwish, A. M. 4766
 Darwish, R. M. 3844
 Das, A. 133
 Das, B. K. 1087
 Das, B. S. 2241
 Das, L. K. 4107
 Das, M. K. 364
 Das, P. 164
 Das, P. K. 3202, 3348, 4107, 4656
 Das, R. K. 1087
 Das, S. 270, 1844, 1848, 4535
 Das, S. R. 1083, 1155, 1241, 1433, 2901
 Das, S. S. 1183
 Das Graças De Souza Paiva, M. 3881
 Dasgupta, R. K. 1968
 Dash, S. 3557, 4305
 Daszak, P. 1050
 Datry, A. 359
 Datta, A. K. 4061
 Dauschies, A. 196, 4767
 Daulouède, S. 135
 Dauphin, G. 1244
 D'Auria, F. D. 1973
 D'Auriol, L. 2472
 Dautzenberg, B. 2143, 4157
 Davachii, F. 788
 Dave, S. 5139
 Davey, R. A. 4511, 4933
 Davey, R. T., Jr. 1932
 David, C. 4304
 David, J. R. 112, 1377
 David, K. 3958
 David, P. H. 3898, 3950
 David, S. 2333
 David-West, K. B. 2053
 Davidson, M. 392, 3740
 Davidson, R. N. 3688, 3845, 4627, 4686
 Davies, B. 1447
 Davies, C. R. 1827, 3398
 Davies, H. D. 4721
 Davies, H. I. 176
 Davila, D. F. 2246
 Davis, C. 4756
 Davis, C. E. 3567
 Davis, D. R. 835, 2705
 Davis, J. 1773, 3954
 Davis, J. R. 2775
 Davis, M. J. 2166
 Davis, R. M. 101
 Davis, S. W. 1104, 1615, 2656
 Davis, T. M. E. 195, 1199, 3722
 Davis, W. C. 1077
 Davoust, B. 5035
 Dawe, D. L. 4441
 Dawes, R. F. H. 2505
 Dawidowicz, E. A. 3144-3145
 Dawling, S. 1597
 Dawson, A. M. 1420
 Dawson, N. A. 2883
 Day, D. B. 3634
 Day, K. P. 4831
 Day, R. 4221
 Dayal-Drager, R. 430
 Dayrell, M. de S. 4745
 De, M. K. 4641
 De, S. 3769
 De Abreu, L. L. 4689
 De Alarcón, C. A. 2136
 De Albuquerque, S. de F. T. 1318
 De Alemida, M. L. C. 3148
 De Almeida, M. A. O. 1318
 De Andrade, A. F. B. 1446
 De Andrade, A. L. S. S. 1286
 De Andrade, C. R. 286
 De Andrade, P. P. 286
 De Andrade Júnior, R. C. 2574
 De Araujo, F. A. 3855
 De Araújo, F. A. P. 2591, 3856
 De Araujo, F. A. P. 2719
 De Araujo, M. de F. L. 2471
 De Arias, A. 652, 4607
 De Arruda, M. E. 3398
 De Azevedo, R. A. 4294
 De Baetselier, P. 1363
 De Bertorello, M. M. 4139
 De Blasi, V. 5107
 De Bruijn, E. A. 5091
 De Bruin, D. 3622
 De Carli, G. 2240
 De Carvalho, L. P. 3158
 De Casa, C. 2788
 De Castro, A. C. 2035
 De Castro, C. R. 1586
 De Castro, F. T. 3172
 De Castro, S. L. 2433, 3137
 De Castro Gomes, A. 1531
 De Castro Peixoto, T. 126
 De Catte, L. 425
 De Cecco, L. 5042
 De Closets, F. 3100
 De Cock, K. M. 3047
 De Coninck, B. 3727
 De Coronel, V. V. 301
 De Diego, J. A. 710, 1348, 4363, 4592
 De Dios Garcia, J. 3041
 De Dona, D. 3796, 4119
 De Freitas, L. A. R. 2186
 De Freitas, M. R. G. 3841
 De Freitas Balanco, J. M. 2471
 De Gans J. 4625
 De Gennes, C. 4222
 De Graaf, C. C. 2600
 De Greef, C. 2266
 De Gregorio, C. G. 1213
 De Isola, E. L. D. 945
 De Jesus, A. R. 194
 De Jesús, J. M. 1163
 De Jonckheere, J. F. 4955-4956
 De la Cruz, V. F. 183
 De la Fuente, C. 1898
 De la Fuente López, C. 1301
 De Lafaille, M. A. C. 4078
 De Lahunta, A. 2656
 De L'Aulnoit, D. H. 3999
 De Lederkremer, R. M. 2747, 4051
 De Leo, P. 4143
 De Lima, A. O. 4403
 De Luca d'Oro, G. 2290
 De Maertelaer, V. 3542
 De Majumdar, T. 3509
 De Mata, M. 3665
 De Mateo, M. M. 4777
 De Mattia, D. 2311
 De Mautort, E. 3528
 De Medeiros, L. B. 2035
 De Meeus, T. 2777
 De Mendonça-Lima, L. 4538
 De Meneghi, D. 1003, 1265
 De Menezes, M. C. N. D. 245
 De Meuter, F. 425, 1376
 De Nazareth L. Meirelles, M. 2433
 De Nucci, G. 5093
 De Oliveira, A. B. 1583
 De Oliveira, C. M. B. 3945
 De Oliveira, M. I. 2304
 De Oliveira, P. R. 1012
 De Oliveira, R. Lourenço- 824
 De Oliveira, T. C. G. 3532
 De Perre, P. van 15
 De Plata, C. 4421
 De Raadt, P. 706, 853, 2352, 4255, 4589, 4873, 5004
 De Raspi, E. M. 4399
 De Reynies, A. 4204
 De Rodriguez, C. G. 331
 De Roux, S. 2133
 De Sá Lirio, V. 2128
 De Sacco, B. 3350
 De Santa Rosa, M. R. 601
 De Smet, M. D. 3464
 De Smet, S. 3867
 De Souza, A. A. 2031
 De Souza, A. M. C. 2128
 De Souza, H. B. W. T. 4112
 De Souza, J. M. 126
 De Souza, W. 243, 286, 1056, 1165, 2149, 3137, 3161, 3172, 3586, 3633, 4095, 4349, 4983, 4987
 De Souza Paiva, M. Das G. 3881
 De Stefano, J. A. 4238, 4518
 De Swardt, D. H. 3436
 De Tarlovsky, M. N. S. 387
 De Toranzo, E. G. D. 1586
 De Vos, A. J. 1537, 4028

- De Vries, E. 4090
 De Waal, D. T. 466, 818, 1187, 3495, 5032
 De Waele, M. 425
 De Wall, D. T. 2074
 De Zoysa, A. P. K. 786, 5028
 De Zulueta, J. 3238
 Deane, L. M. 3398
 Deane, M. P. 173, 4095
 Dearsley, A. F. 554
 Debbabi, A. 2556
 Debrabant, A. 4074
 Debrot, S. 5107
 Debs, R. J. 327, 863
 Debuf, Y. M. 3791
 Deckelbaum, R. J. 4835
 Decker, C. 4076
 Decker, M. D. 3039
 DeClercq, A. 15
 DeClercq, J. 2350, 2354
 Decoster, A. 1805, 2706, 3984, 3999
 Decote Ricardo, D. 3974
 Decourt, J. L. 1376
 Decoux, L. 2629
 Decrind, C. 430, 4053
 Dedet, J. P. 2041, 2125, 2739, 4074, 4304, 4653
 Deenen, L. L. van 298
 Deer, R. M. A. 2689
 Defly, A. 491, 496, 499, 1040
 Defoort, J. P. 3085
 Deger, S. 2069
 Degett, J. 3586
 Deghidy, N. S. 872
 Degorce, F. 1308
 Degrave, W. M. 3069, 5129
 Degrémont, A. A. 1089
 Dehority, B. A. 482
 Dehoux, J. P. 2855
 Dei-Cas, E. 1614, 1885, 2533, 4382, 4829
 Del Bono, V. 4143
 Del Campo, F. 2130
 Del Faucal, H. 2632
 Del Giudice, G. 1089, 1785, 2173, 4053
 Del Mar Sanz, M. 3041
 Del Navarro-Ranninger, M. 2424
 Del Nero, L. 4845
 Del Olmo, J. A. 4364
 Del Portillo, H. A. 4953
 Del Rey, J. 710, 4592
 Del Solar H., F. 4368
 Del Tunco, G. W. 2638
 Delacollette, C. 1504, 1508, 1599
 Delattre, J. M. 3208
 Delbeke, E. 3926, 5062
 Delcroix, M. 3999
 Delfino, D. 4432
 Delgado, L. M. 347
 Delguidice, P. 1678
 Delia, S. 2144
 Della Volpe, M. 2725
 Dellamonica, P. 1678, 2630, 3468
 Dellen, A. F. van 480
 Dell'Porto, A. 1085
 Delmas, F. 2431, 3296-3297
 Delmont, J. 1680, 5009
 Delolme, H. 2836, 2937
 Delorme, D. R. 2518, 2800
 Deloron, P. 300, 618, 789, 897, 1067, 1289, 1510, 1774, 3258
 Delplace, P. 1850
 Delrey, J. 1348
 Delsedime, L. 2634
 Delvinquier, B. L. J. 64, 106-107, 600
 Demazière, J. 1658
 Dembele, M. 1290, 2837
 D'Emden, M. 2627
 Demeš, P. 216, 4496
 Demey, F. 992
 Demeyer, D. I. 3867
 Demidov, N. V. 1897, 1945
 Demirhan, O. 826
 Demirtas, H. 2112
 Demory, J. L. 1805
 Dempster, W. B. 2786
 Den Ende, J. V. 867
 Den Kamp, J. A. F. O. 298
 Denbow, D. M. 1124
 Dénes, L. 3302
 Deniau, M. 1990
 Denicola-Seoane, A. 4926
 Denis, L. 5091
 Denis, M. 191, 4414, 4429, 4843
 Denis, M. B. 5075
 Denkers, E. 1102
 Dennig, H. K. 2360
 Dennis, C. 2181, 2184
 Dennis, P. J. 3203
 Dennis, P. P. 3176
 Dennis, V. A. 535, 1389
 Denys, J. C. 4132
 Deobhankar, K. P. 440
 Deodhar, L. 2741, 3374
 Deodhar, S. S. 4536
 DeRaadt, P. 4589
 Dereure, J. 52, 1520, 1705, 1879, 3393, 3425
 Dereux, F. 2533
 Derick, L. H. 4582
 DeRogatis, A. J. 2621
 Derouin, F. 1119, 1395, 2045, 3340, 3470, 4147
 DeRoux, S. J. 1747
 Desalvador, F. 3468
 D'Escoffier, L. N. 224
 Desjeux, P. 4589, 5004
 Desmecht, D. 858
 Desmedt, E. 5091
 Desmidt, M. 2583
 Desmonts, G. 4161
 Desombre, I. 4670
 Despres, D. 923, 1147
 Desser, S. S. 944, 4557, 4832, 5022
 Detmer, A. 4310
 Detolle, S. 407
 Dettlerline, J. L. 4701
 Deutch, A. H. 2300
 Deutsch, E. S. 4798
 Devaux, Y. 3819
 Develoux, M. 1279, 2473
 Devia, F. 2456
 DeWalt, T. S. 3002
 Dey, P. C. 2964
 Dey, S. 2976
 Dhaliwal, G. K. 1303
 Dharamsi, R. 4916
 Dhawan, D. K. 2221
 D'Hermies, F. 4788
 Dhiman, R. C. 2796
 Dhiver, C. 2631
 Dhole, T. N. 3928
 Dhuley, J. N. 3739
 Di Caprio, D. 2503
 Di Gennaro, M. 1265
 Di Grigoli, C. 2047
 Di Martino, L. 4292
 Di Meo, C. 1207
 Di Perri, G. 1046, 1161
 Di Prima, M. A. 4359
 Di Prisco, M. C. 4431
 Di Prisco-Fuenmayor, M. C. 3968
 Di Santi, S. M. 1567
 Dia, M. L. 1700
 Diab, F. M. 3401
 Diallo, A. N. 1290
 Diallo, S. 2867, 4646
 Diamant, A. 585, 2659
 Diamond, L. S. 278, 1323, 1472, 1613, 2761, 3083, 3565, 3631
 Diamond, M. S. 2783
 Diarra, B. 488
 Diarra, K. 4387
 Diarrasouba, I. 495, 797
 Dias, F. 1205
 Dias, J. C. P. 4332
 Dias, M. 4403
 Dias, R. M. D. S. 2304
 Diatta, B. 1658
 Diawara, B. 3839
 Diawara, F. N. 1291
 Diaz, A. 668
 Diaz, J. 3333
 Díaz C., I. 3655
 Diby, A. 3830
 Dickens, T. 649
 Dicker, A. P. 1924
 Dickerson, J. W. 1402, 2547
 Dickinson, G. M. 1329
 Dickmeyer, M. 3042
 Dickson, J. 3761
 Didier, E. S. 101, 2160
 Didier, P. J. 101, 2160
 Diedrich, D. L. 3087
 Diego, J. A. de 710, 1348, 4363, 4592
 Diehl, W. J. 545
 Dieli, M. 845, 4015
 Dieng, T. 1951
 Dierich, M. P. 2648
 Dieringer, T. 54
 Diesfeld, H. J. 1039
 D'Iteren, G. 491, 495-499, 708, 797, 2057
 D'Iteren, G. D. M. 803, 1404, 1916, 2058-2059, 2208, 3991
 Dietrich, M. 1193, 1935
 Dijk, B. van 4786
 Dijk, M. van 2267
 Dijkema, R. 1470
 Dike, M. C. A. 4773
 Dilawari, J. B. 4998
 Dillard, T. A. 5059
 Dillon, N. L. 2314
 Diluzio, M. E. 654
 DiMaggio, C. J. 2032
 Dimier, I. H. 1378
 Dimier-David, L. 4304
 D'Império Lima, M. R. 3963
 Dina, O. A. 4482
 Dina, T. S. 939
 Dináres, I. 4193
 Dinsart, C. 3168
 Dionisio, D. 2138
 Dios Garcia, J. de 3041
 Diouf, A. 481, 2052
 Diouf, S. 4646
 Dipeolu, O. O. 546, 1340-1342
 DiPietro, J. A. 1962
 Diquet, B. 359
 Discamps, G. 4263
 Dissanayaka, K. 1247
 Distefano, D. 2349
 Ditrich, O. 2535
 Ditrikh, O. 2202
 Divo, A. A. 380, 1581
 Dixon, B. 3189
 Dixon, P. A. F. 383
 Dixon, S. V. 1514
 Djamgoz, M. B. A. 4986
 Djanhan, Y. 3830
 Djauhari, D. 998, 1117
 Djerrasi, L. 2945
 Djouba, F. 2542, 3835
 Djurdjević, D. 4176
 Dluzewski, A. R. 4989
 Dmitriev, G. A. 1057
 Do Nascimento, C. B. 2128
 Do Nascimento, S. F. 4402
 Do Rosario, V. 2483
 Do Rosario, V. E. 1567
 Do Socorro Guilherme, C. 2471
 Doan Han Dien 2962
 Doan Khan N'am 2962
 Dobbelaere, D. 4995
 Dobbelaere, D. A. E. 4586
 Döbeli, H. 671, 1804, 4080
 Dobrzanski, D. 5135
 Dobson, C. 130
 Doby, J. M. 4172
 Docampo, R. 1164, 1845, 3185, 4517, 4565, 5103
 Doco-Lecompte, T. 4214
 Docter, R. 706
 Dodd, L. G. 468
 Dodic, N. 2876
 Doenhoff, M. J. 1966, 4640
 Doering, T. L. 3290, 4939
 Doğanay, A. 2099
 Doggett, S. L. 3760
 Dogra, J. 1201
 Dohin, E. 4157
 Dohn, M. 1932
 Dohn, M. N. 1732
 Doko, A. 992
 Dolan, R. B. 879, 2210
 Dolan, S. A. 3613
 Dolan, T. F. 1929
 Dolan, T. T. 435, 679, 684, 686-687, 690-691, 801, 958, 1385, 4687, 5071
 Dole, E. 4905
 Dol'nikov, Yu. Ya. 1559
 Dolo, A. 940, 1290
 Dolopaie, E. 4291
 Doly, J. 2176
 Doly, M. 4658
 Domingo, M. 1011
 Domingos, E. D. 4307
 Don, M. 2875
 Don, M. M. 4577
 Dona, D. de 3796, 4119
 Dondo, A. 2076
 Dondo, F. 5099
 Donelson, J. E. 253, 756, 1375, 1473, 2276, 3601, 3605, 4532
 Dong, X. S. 3218
 Dong Thi Hoai Tam 1200
 Donis, J. H. 2246
 Donovan, C. A. 306
 Doolan, D. L. 3113, 3506
 Doolwala, S. 1247
 Dor, J. F. 3471
 Dorangeon, P. H. 1953
 Dorchies, P. 1553
 Dore, P. 3480
 Dorea, J. G. 335
 Dorea, R. C. C. 2709
 Dörlemann, A. 1193
 Dorny, P. 1532, 3854
 Dorrestein, G. M. 4768
 Dos Reis Coelho, J. 2128
 Dos Santos, J. G., III 2900
 Dos Santos, R. R. 2722
 Dos Santos Silva, N. R. 3881
 DosReis, G. A. 1381
 Doua, F. 853, 1982, 2352, 2391, 4241, 4444, 4873
 Douba, M. 1202
 Dougherty, J. M. 1986, 2248-2249
 Douglas, R. G., Jr. 1984
 Douglas, R. J. 1309, 4315
 Doukan, S. 3826
 Doumbo, O. 1290, 1511, 2837
 Dourado, H. 421
 Doury, J. C. 2836, 2937
 Dousek, J. 1706
 Dover, J. S. 1737
 Down, J. A. 2257
 Doyle, J. J. 694
 Doyle, P. S. 417
 Doyle, R. J. 752
 Draelants, E. 4864
 Drager-Dayal, R. 4053
 Drake, L. 4506
 Dransfield, R. D. 3324
 Dreef-Tromp, C. M. 3594
 Drenckhahn, D. 124
 Drennen, P. W. 4666
 Dreyfuss, G. 1552, 1600
 Driver, A. G. 2834
 Drobnic, L. 4266
 Drozdowicz, C. K. 3001
 Drudge, J. H. 3342, 3407
 Druilhe, P. 1543, 3107, 3281-3282, 4005, 4185
 D'Souza, P. E. 4620
 Du, C. B. 2205
 Du Toit, H. 3436, 4338
 Duarte, A. J. S. 2680
 Duarte, M. I. S. 4906
 Dubarry, M. 2545
 Dubé, P. 1659
 Dubey, J. P. 47, 53, 204, 212, 483, 569, 587, 960, 1091, 1104, 1302, 1304, 1350, 1400, 1432, 1615, 1704, 1832, 2155, 2390, 2485, 2589, 2656, 2967, 2997, 3000, 3011, 3134, 3180, 3431, 3434, 3438, 3862-3863, 3871, 3873, 3883, 3885,

- 4316, 4341, 4698, 4740, 4819, 4822
 Dubey, M. L. 119, 163, 1788, 3990
 Dubois, B. 897, 3258
 Dubois, D. Y. 4905
 Dubois, P. 4006, 4427, 4846
 Dubost, G. 928, 1552, 1600
 Dubremetz, J. F. 146, 232, 653, 1487, 1850, 4521
 Dubreuil, N. 52
 Ducatelle, R. 2583
 Duchatel, J. P. 5070
 Duchesne, G. M. 3306
 Ducroix, J. P. 3704
 Duez, P. 1602, 4191
 Duffera, W. 834, 2058
 Duffy, K. 4879
 Duffy, K. T. 473
 Duhamel, M. 1805, 3999
 Dujardin, P. 3816
 Dukes, C. S. 1321
 Dukes, P. 831, 2284-2285
 Dulski P. M. 919
 Duma, R. J. 77
 Dumas, M. 3718, 4717, 4739
 Dumas, M. L. 4218
 Dumas, N. 1505-1507, 4049
 Dumas, R. 4218
 Dumbo, O. 940
 Dumestre-Toulet, V. 1565
 Dumon, H. 3998
 Dumont, J. A. 374
 Dumont, J. L. 3465
 Dumont, P. 491, 498-499, 834
 Dunan, S. 132, 1877
 Dunbar, E. M. 866, 2826
 Duncan, D. E. 53
 Duncan, L. R. 253
 Dungan, C. F. 5030
 Dunlap, S. 1253
 Dunn, A. M. 829
 Dunn, L. A. 2288
 Dunsmore, J. D. 2319
 Duong, T. H. 3100, 3391
 Dupasquier, I. 3267
 Duperval, R. 1659
 Dupont, B. 4788
 Dupont, C. 3382, 3822
 Dupont, D. 1745
 DuPont, P. G. 2844
 Dupouy, D. 1953
 Dupouy-Camet, J. 1829
 Duquesne, V. 1379
 Durack, D. T. 1320-1321, 1652
 Durand, J. M. 2522
 Durand, R. 1990
 Durant, J. 1678, 3468
 Durbec, O. 2623
 Durfee, W. J. 3759
 Durieu, I. 1955-1956
 Durkin, J. 856, 2057
 Durkin, M. M. 4198
 Dusanic, D. G. 273
 Duschak, V. 4530
 Duschak, V. G. 269
 Duzsenko, M. 241, 725, 1439, 2752, 4564
 Duszynski, D. W. 762, 4821
 Dutoit, E. 4476
 Dutra, H. S. 1618
 Dutt, P. 2204, 2301, 4477
 Dutta, D. 971
 Dutta, G. P. 332, 868, 1116, 1369, 1685, 2247, 3119, 3256, 3508, 3590, 5041
 Dutta, L. P. 1899, 5016
 Dutta, M. 735
 Dutta, P. 971, 1671, 2296, 5016
 Dutta, P. K. 3794
 Duvallet, G. 1256, 1799, 2450, 4406
 Duzgun, A. 158
 Dvorak, J. A. 1454
 Dwek, R. A. 1374
 Dwinger, R. 2358
 Dwinger, R. H. 489, 794, 832, 2056, 2307, 2565, 3516, 4406, 4786
 Dwyer, D. M. 417-418
 Dyck, J. L. 2835
 Dye, C. 817, 1353, 1827, 4113, 5000-5001
 Dye, C. M. 3398
 Dyer, M. 2724
 Dyková, I. 591, 1053, 2158, 4390, 4776
 Dykstra, M. J. 3441
 Dyson, D. A. 2689, 3081
 Dziegiel, M. 266, 1111, 3958
 Eads, M. E. 1735
 Eaglesome, M. D. 4750
 Eakin, A. E. 3175
 Earle, B. D. 3007
 Earlé, R. A. 2093, 3436, 4338
 Easmon, C. S. F. 3070, 3526
 East African Medical Journal 323
 Easty, D. L. 2693
 Eaton, M. 1273
 Eaton, W. 561
 Eaton, W. D. 2598
 Ebel, S. 3151
 Ebeling, S. B. 3603
 Eberhard, M. L. 921
 Eberle, F. 1972
 Ebikili, B. 3713
 Ebisawa, I. 1136, 1196
 Echalar, L. 2041
 Echavarria, M. 4617
 Echeverria, P. 3803
 Eckerbom, S. 343
 Eckersall, P. D. 2224
 Eckert, G. 2875
 Eckert, J. 648, 2289
 Eckstein, B. 2435
 Edberg, F. 2674
 Eddy, H. 1773
 Edeghere, H. 4912
 Edelman, R. 1773, 3954
 Edelstein, P. H. 4692
 Edelsten, M. 1534
 Edlind, T. D. 3293, 4198
 Edlund, C. 637
 Edmundson, H. M. 222, 622
 Edrissian, G. H. 1729
 Edson, R. S. 3303
 Edstein, M. D. 1547, 2430, 5049
 Edwards, G. 3295, 3723, 4654
 Edwards, J. F. 2984
 Edwards, M. L. 374
 Edwards, M. R. 3574, 4935
 Edwards, S. J. 674
 Edwards, S. W. 1447
 Eeftinck Schattenkerk, J. K. M. 2854
 Eeftinck-Schattenkerk, J. K. M. 3921
 Efferen, L. S. 2641
 Efimenko, T. M. 2223
 Egan, J. E. 4029
 Egge, H. 3578, 4433
 Egger, M. 32, 302
 Egger, R. J. 1115
 Ehrlich, J. H. H. 1127
 Eichberg, J. W. 2050
 Eichenlaub, D. 895
 Eichhorn, M. 4586
 Eid, J. E. 1476
 Eida, S. 2540
 Eiff, M. von 2376, 3755
 Eirmann, L. 2220
 Eisenstein, B. I. 2646
 Eisler, M. 5085
 Ejecize, G. C. 2551, 3266, 4188, 4733
 Eksen, M. 2977
 Ekue, F. N. 5031
 Ekwuruke, J. O. 795
 El-Allawy, T. A. 1717
 El-Asily, S. 1356
 El-Askalany, M. A. 872
 El-Bahy, M. M. 4766
 El-Basha, A. 965
 El-Battawy, G. H. 3553
 El-Biary, E. 1356
 El-Bordeni, F. 1356
 El-Bouri, K. 2552
 El-Bushra, H. E. 2332
 El-Derhalli, F. S. 1356
 El-Din, M. S. 3907
 El-Domiaty, M. M. 371, 4192
 El-Feraly, F. S. 371, 4192
 El-Gaddal, A. A. 639
 El-Gamal, R. L. R. 990
 El-Garhy, M. 1344
 El-Ghaysh, A. 4121
 El-Hady, H. M. 969
 El-Harith, A. 330
 El-Hassan, A. M. 1493, 1594, 2932, 2952
 El-Hawy, A. M. 1113, 1121
 El-Houadfi, M. 1312
 El-Kariem, F. M. A. 4533
 El-Magd, L. M. A. 1076
 El-Mallah, S. 3907
 El-Mangoush, M. A. 2552
 El-Masri, M. 2933
 El-Matbouli, M. 61, 1261, 1548, 2192, 2388
 El-Missiry, A. G. 1090
 El-Olemy, M. M. 4192
 El-On, J. 844, 1801, 2944, 4621
 El-Ridi, A. M. S. 990, 1065
 El-Rooby, A. 4265
 El-Saleh, Q. 89
 El-Sattar, S. 2327
 El-Sattar, S. A. 4126
 El-Sawaf, B. 2327
 El-Sawaf, B. M. 4126
 El-Sebai, M. M. 3979
 El-Seify, M. A. 3553
 El-Shazly, A. M. 1008
 El-Sheikh Mohamed, A. R. 2918
 El-Shoura, S. M. 1238
 El-Showwa, R. 2933
 El-Tahir, K. E. H. 900
 El-Tarras, M. F. 1243
 El-Toukhy, A. 99
 El-Toum, I. A. 1493, 2952
 El-Wanis, N. A. 1356
 El-Zaki, K. 1594
 Elabbadi, N. 3750
 Elamin, E. A. 4767
 Eldaw, A. 1227
 Eldirdiri, A. B. 1227
 Eldirdiri, B. 662
 Eley, R. M. 2236
 Elfassi de la Beaume, F. 3993
 Elhag, H. M. 4192
 Elhassan, E. 2051, 4912
 Elias, S. 4767
 Eliasson, A. H. 2891
 Eling, W. M. C. 2421, 3679, 4891
 Eliseev, L. N. 2316
 Elisson, L. O. 1977
 Elliot, E. 4731
 Elliot, M. 4661
 Ellis, C. J. 1942
 Ellis, J. 1819, 4976
 Ellis, J. T. 4555
 Ellison, R. T., III 2368
 Ellner, J. J. 87
 Ellzey, J. T. 4490
 Elmendorf, H. G. 239, 4516
 Elnaïem, D. A. 4269
 Elrayah, I. E. 880
 Elsasser, T. H. 1430
 Elsing, C. 3466
 Elston, R. 564
 Elton, R. A. 2228
 Eltoun, B. 2932
 Eltoun, I. A. 2932
 Elvin, K. 2804
 Elwood, L. J. 5135
 Ely, K. H. 1816, 4010
 Ely, R. W. 156
 Emanuelson, M. 519
 Emel'yanova, L. P. 2776
 Emeribe, A. O. 721, 1841, 3266
 Emerson, C. L. 654
 Emmanuel, F. X. S. 2636
 Emre, Z. 2112
 Emson, H. E. 3101
 Enahoro, H. 4506
 Enayat, U. 464
 Enckevort, F. H. J. van 4981
 Ende, J. V. den 867
 Ende, J. van den 376
 Enden, E. van den 376, 867
 Enders, B. 1435, 3552
 Endeshaw, Y. 3
 Endo, T. 763, 4955
 Endoh, Y. S. 5117
 Engbring, J. 2181
 Engel, J. C. 417
 Engers, H. D. 1089
 Englander, S. J. 4179
 English, T. A. H. 4811
 Englund, P. T. 75, 3141, 3290, 4939
 Engman, D. M. 3605
 Engohan, E. 3267
 Engracia, V. 3197
 Engstler, M. 4925
 Enk, C. 199
 Enriquez, J. 580
 Enríquez-Rincón, F. 4046
 Entzeroth, R. 271, 1850, 3498
 Eozenou, P. 3993
 Ephros, M. 5066
 Epstein, R. J. 3377
 Ekwuagu, C. E. 3344
 Erdman, S. M. 2432
 Erekul, S. 4300
 Ericsson, O. 1205, 1222, 1982
 Eriksson, B. 2410, 3737
 Erlandsen, S. L. 3589
 Ermak, T. N. 978
 Ermishev, Yu. V. 2961
 Ernest, A. 2080, 2302, 5006
 Ernst, S. 2102
 Erondu, N. E. 1473, 3601
 Erwa, H. H. 3386
 Escajadillo, A. 177
 Escalante, A. 442
 Eschenbach, D. A. 5005
 Escobar, P. 4421
 Escribano Moriana, J. C. 3472
 Eshete, H. 4694
 Esievo, K. A. N. 4135
 Esko, J. D. 4407
 Esolen, L. M. 4361
 Espejo, F. 131, 4031
 Espejo, R. 4724
 Espinosa, M. 264
 Espinosa, R. A. 442
 Espinosa-Cantellano, M. 2259
 Esposito, F. 1100, 1392, 4845
 Esposito, R. 5003
 Essa, M. H. 1075, 1120
 Essawy, M. A. 1076
 Esser, K. 1818
 Esterre, P. 2739
 Esteve, T. 3997
 Esteves, M. J. G. 1446
 Estrada, J. J. 2963
 Estupiñán, B. 1847
 Etges, R. 3150, 3154
 Etlinger, H. 179, 4890
 Etting, M. B. 1037-1039, 4785
 Euzéby, J. 3360
 Evans, C. B. 140, 612
 Evans, D. A. 2470
 Even, P. 619
 Evers, R. 3619
 Evlanov, I. A. 4585
 Ewig, S. 4170
 Ewing, M. S. 1399
 Exmelin, L. 3992
 Ey, P. L. 4511, 4933
 Eyal, J. 2300
 Eys, G. J. J. M. van 437, 3603, 4981
 Eys, G. van 953
 Eze, M. O. 4145
 Ezeamuzie, C. I. 1592, 1596
 Ezedinachi, E. N. U. 2551, 3266, 4188, 4733
 Ezekowitz, R. A. B. 3961
 Ezhova, T. A. 1748, 2655, 3939
 Fabayo, A. B. 384
 Faber, W. R. 2949
 Facer, C. A. 1071, 2523
 Fachado, A. 2201
 Factor, S. A. 583
 Fadat, G. 861, 2395, 2531, 3993, 4629
 Fadruga, M. 4467
 Fagbemi, B. O. 1118, 4500, 4917

- Fagerholm, H. P. 452-453
 Fahal, A. H. 1594
 Fahmy, R. N. 3384
 Fahirimal, Y. 4267
 Faichney, G. J. 1694, 3868, 4743
 Faint, R. 1597
 Fairlamb, A. H. 229, 5104
 Fairley, T. A. 385, 5090
 Faisal, M. 593
 Fajer, E. 3889
 Falanga, P. 3963
 Falanga, P. B. 2172, 4901
 Falci, V. S. N. 3855
 Falcoff, R. 1405
 Falkson, G. 3305
 Falloon, J. 1932
 Falope, O. 4912
 Falqueto, A. 4612
 Fandeur, T. 259, 1463, 3112, 4008
 Fandrich, R. R. 3577
 Fang, G. D. 4492
 Fantini, C. 1500
 Fantoni, A. 3566
 Farag, A. M. 669
 Farghaly, A. M. 990
 Fargier, J. J. 2827
 Faria e Silva, P. M. 2149
 Farinotti, R. 1236, 4157, 4652
 Farizy, P. 2123
 Farnarier, C. 132, 2522
 Farnarier, P. 3927
 Farrow, B. R. H. 3462
 Farthing, C. 2848
 Farthing, M. J. G. 2004, 2122, 2197, 3027, 3625, 3901, 4400
 Fasanaro, A. 2525
 Fasanaro, A. M. 2525
 Fasano, M. B. 4361
 Fasogbon, A. I. 2392
 Fassas, A. 4799
 Fassin, D. 359
 Fastiggi, R. 2643
 Fätkenheuer, G. 3259
 Fattah, S. A. 1243
 Faucal, H. de 2632
 Faucherre, V. 4804
 Faugere, B. 132
 Faurisson, F. 2427
 Fauzi, S. 1006
 Favati, V. 1129
 Favenne, L. 717, 1168, 1591, 1796, 2582
 Favier, G. 2836
 Favre, G. 4049
 Fawumi, M. K. 795
 Fay, R. 1953
 Faye, J. A. 2965
 Faye, J. C. 3725
 Faye, O. 2867, 4183, 4646
 Faye, Oumar. 2867
 Faye-Ndao, M. A. 1951
 Fayer, R. 569, 960, 1430, 3432, 4418, 4492, 5046
 Fayet, G. 1013
 Feagin, J. E. 255, 743, 1455, 3620, 4085, 4543
 Federico, G. 1500
 Fedorova, O. V. 2378
 Feely, D. E. 1402
 Fegeler, W. 3755
 Fehr, S. C. 3605
 Fei, A. C. Y. 3981
 Fei, C. Y. 2824
 Feigal, D. 3263
 Feigal, D. W. 86
 Feigal, D. W., Jr. 3259
 Feinberg, J. 2842, 4623
 Feist, S. W. 2163, 2440, 2597, 3949
 Feldman, S. H. 3759
 Feldman, S. T. 5111
 Feldmeier, H. 3695
 Feline Practice 4325
 Fell, A. H. 4884
 Feng, J. X. 2575
 Feng, S. J. 104, 737, 3490
 Fenske, S. 3935
 Fenton, B. 1880
 Fenwick, J. D. 4389
 Fera, G. 3473
 Ferguson, D. J. P. 2229
 Ferguson, L. R. 3292
 Ferguson, M. A. J. 3148-3150, 3156, 4051
 Fern, J. 3514
 Fernandes, A. J. 4332
 Fernandes, R. E. 2568
 Fernandez, C. 718
 Fernandez, I. 4447
 Fernandez, J. 4363
 Fernández, M. 3225
 Fernández, M. A. 4428
 Fernandez, M. C. A. 447
 Fernández Gutiérrez del Álamo, C. 3472
 Fernandez-Martin, J. 1949
 Fernex, M. 4890
 Feron, A. 491, 497, 499, 708, 834, 2057
 Ferrone, R. 1987
 Ferragut, J. 2524
 Ferrandiz, C. 3040
 Ferrante, A. 2426, 3973
 Ferrari, A. 2075
 Ferrari, E. 3816
 Ferrari, L. 2128
 Ferraris, A. M. 2615
 Ferraro, C. 2615
 Ferreira, A. W. 2200, 2461, 4402
 Ferreira, C. S. 4294
 Ferreira, M. L. 3869
 Ferreira, M. U. 4953
 Ferrer, L. 1011
 Ferreri, R. 2503
 Ferris, V. 5017
 Ferro, A. 2134
 Ferté, H. 313
 Feuerstein, I. 1542, 1932
 Feuerstein, I. M. 5135
 Fialon, P. 2744
 Fica C., A. 4368
 Fichoux, Y. le 3471
 Ficker, L. 1726
 Ficker, L. A. 3373
 Fiebig, S. 192
 Fiege, N. 1383
 Field, H. 1864, 3152
 Field, M. C. 4919, 4934
 Field, S. J. 4989
 Fields, B. S. 949, 3035
 Figge, C. 3466
 Figueiredo, A. C. 60
 Figueras, A. J. 1721
 Figueroa, J. P. 2127
 Filatov, M. V. 1876
 File, S. K. 4737
 Filho, S. 4987
 Filipe, A. R. 1512
 Filipe, M. 390
 Filippi, J. F. 3926
 Filipski, V. K. 4020, 4624, 4734
 Finch, G. R. 4243, 4760, 5119
 Fineberg, H. V. 2626
 Finkelman, F. D. 658
 Finkelman, S. 2010
 Finkle, H. I. 5136
 Finlay, B. J. 1263
 Finlay, C. M. 3730
 Finton, R. J. 431, 2547
 Fiocchi, V. 1500
 Fioretti, A. 1207
 Fioretti, D. P. 1096
 Fiorini, J. E. 2149
 Fiorucci, G. 3315
 Firantene, R. K. 3123
 Firantiené, R. 3123
 Firmanová, A. 3687
 Firsov, V. N. 2895
 Fischer, R. 4726
 Fischer-Scherl, T. 61, 1128, 2157
 Fischer-Stenger, K. 4411
 Fish, L. 2217
 Fish, W. R. 1138, 4439
 Fishback, J. L. 1415, 2999
 Fisher, M. H. 2821, 2881
 Fitch, W. 4394
 Fitch, W. M. 4393
 Fitzgerald, C. J. 130
 Fivaz, B. H. 5032
 Flach, E. J. 686, 3399
 Flachs, H. 1593
 Flament, J. 3542
 Flamerique, C. 1188
 Flamholz, L. 4171
 Flanigan, D. 4242
 Flanigan, T. 4796
 Flanigan, T. P. 3763
 Flechaire, A. 3819
 Fleck, D. G. 4880
 Fleckenstein, L. 1934, 5098
 Flegg, P. J. 2636
 Fleischer, K. 895, 1835
 Fleischmann, R. M. 2538
 Fleishman, J. 2831
 Fleming, J. 5139
 Flessenkämper, S. 90
 Fletcher, R. C. 1781
 Floch, J. J. 3756, 5097
 Floeter-Winter, L. 4558
 Flood, D. A. 2617
 Flores, B. M. 3087
 Flores, M. V. 410, 5125
 Floyd, E. 54
 Floyd, J. G. 1962
 Fluck, D. J. 857
 Flückiger, M. 503
 Flynn, J. 4361
 Flynn, J. N. 697, 3067, 4472
 Foerster, B. 1783
 Foil, L. D. 3211
 Foissner, W. 1623
 Foley, N. M. 3469
 Folstad, I. 3635
 Fomena, A. 1054, 3940
 Fondjo, E. 3906, 4114
 Fonseca Rodríguez, R. 3857
 Fonte, L. 2201, 3730
 Fontenille, D. 300, 789, 1510, 2790, 2792, 3222
 Fontenla, S. 3975
 Fontes, G. 1997, 4635
 Foo, A. 1079
 Foote, S. J. 1465, 1756
 Force-Barge, P. 4874
 Ford, J. 1180
 Ford, S. E. 175, 560
 Forero-Gomez, J. S. 1582
 Forestier, F. 144, 2731
 Foreyt, B. 512
 Foreyt, W. J. 1692
 Fornés, G. 3225
 Forrest, L. W. 918
 Forrest, M. 277
 Forrest Scientific Research Ltd. 918
 Forrester, D. J. 4827
 Forsdyke, D. R. 5061
 Forsgren, M. 2947
 Forsythe, J. W. 3891
 Fortier, B. 232, 1487, 3833
 Fortune, D. G. 4770
 Foss, R. 4208
 Foss, S. S. 911
 Foster, C. K. 549
 Foster, R. E. 3460
 Foster, S. D. 4664
 Fotedar, R. 827
 Foubard, S. 3758
 Foucault, C. 1543
 Foudrinier, F. 2706
 Foulon, W. 425
 Fourie, N. 3320
 Fournet, A. 1577
 Fournie, J. W. 911
 Fournier, L. 2533
 Fourrey, J. L. 2876
 Fournillan, J. B. 5097
 Foussard, F. 1141
 Fouts, D. L. 4971
 Fox, B. A. 1471
 Fox, E. 2799, 4215
 Fox, J. C. 156
 Fox, M. T. 500, 2086
 Fox, R. 1622
 Foz, M. 4155
 Fraga, J. 433
 Fraga, L. 2207
 Fraher, J. P. 2969
 Fraise, P. 325, 4160
 Frame, I. 5134
 Frame, I. A. 2458
 Frame, P. T. 1732
 Franchina, P. 674
 Francioli, P. 2333
 Franck, J. 132, 3926, 3998
 Franco, L. 1821, 4032
 François, G. 4670
 Frandsen, J. C. 2859
 Frank, I. 2841
 Frank, M. 1919, 1995, 2217
 Frank, W. 787
 Franke, E. D. 268, 3959, 4447, 5058
 Franke, G. 2373
 Frankenberger, R. A. 2785
 Frankenberger S. 2528
 Frankenburg, S. 1370
 Franklin, R. M. 886
 Frantz, M. 3528
 Franz, A. 726
 Franzén, L. 1153
 Franzetti, F. 3270
 Frasch, A. C. C. 143, 262, 644, 744, 2763, 3069, 3623, 4954
 Fraser, G. 2798
 Fraser, G. G. 305, 2312
 Fratto, N. 1213
 Fraval, P. 2492
 Frazier, J. A. 4404
 Frean, J. A. 4533
 Freed, P. S. 3886, 4371, 4820
 Freeman, W. 2230
 Freese, J. A. 2869, 5079
 Freilij, H. 1331
 Freire, J. J. 3945
 Freitas, J. 4035
 Freitas, L. A. 1381, 1405, 2716
 Freitas, L. A. R. de 2186
 Freitas, M. R. G. de 3841
 Freitas, R. A. 4333
 Frejaques, L. 3307
 Fremount, H. N. 1436
 Frenay, C. 2739
 French, R. A. 2614
 Frenkel, J. K. 177, 770, 1415, 1739, 2999, 3433, 4337
 Freno, E. 2922
 Fresno, M. 4428
 Freund, H. J. 3466
 Freund, Y. R. 3539
 Frevort, U. 3521, 4410
 Frézil, J. L. 3900, 5141
 Fricker, C. R. 1610
 Fried, M. 3609
 Friedberg, D. 2230
 Friedberg, D. N. 101
 Friederichs, M. 2857-2858
 Friedheim, E. 2349, 2493
 Friedheim, E. A. H. 2357
 Friedhoff, K. T. 147
 Friedlaender, M. H. 2400
 Friedland, L. R. 4798
 Friedrich, J. M. 3757
 Friedrich-Jänicke, B. 24
 Fries, L. F. 4021
 Friesen, D. 3063
 Frietas, A. A. 3963
 Frigerio, C. 1046
 Frigola, J. 4193
 Frischer, H. 2888
 Fritsch, P. 2648
 Fritsche, T. 1734
 Fritsche, T. R. 288
 Fritz, D. 1710
 Frixione, E. 2161
 Frolov, A. O. 1333
 Frommel, D. 1862, 5021
 Fröscher, W. 3313
 Froyman, R. 5070
 Frühbauer, Z. 4448
 Fry, M. 2879
 Fryauff, D. J. 1881
 Fu, B. 1190
 Fu, S. 1976
 Fuchs, H. J. 863
 Fuente, C. de la 1898
 Fuente López, C. de la 1301
 Fuentealba, C. 527
 Fuentealba, I. C. 2984
 Fueri, J. 4970

- Fuhrer, J. 578
 Fujisaki, J. 4417
 Fujisaki, K. 1519, 2673, 3135, 3221, 4312, 4505
 Fujita, M. 722, 2083
 Fukata, T. 377, 1716, 3036, 4356, 4993
 Fukuda, M. 3764
 Fukuda, T. 3060
 Fukui, K. 3036
 Fukuma, T. 920, 3493
 Fukutomi, Y. 1068
 Fukuyama, T. 1299
 Fulzele, D. P. 1578
 Fungladda, W. 4289
 Furarah, A. M. 4848
 Furiga, M. 2907
 Furrer, H. J. 5057
 Furst, S. R. 2521
 Furtado, G. C. 1890, 3642
 Furtado, N. J. 4324
 Furtado, T. 1
 Furth, R. van 2697
 Furukawa, M. 1299
 Furuya, M. 301, 1894, 2695
 Fuzailov, Yu. M. 2379, 2555
 Fuzibet, J. G. 3471, 3816, 4802
 Fuzihara, T. O. 2304
 Gabaldon, A. 322, 448
 Gabbi, E. 3989
 Gabius, H. J. 4928
 Gabova, A. V. 1638
 Gaboyard, C. 1244
 Gabriel, A. 2277
 Gabriel, V. 5057
 Gabrielson, J. 1977
 Gachihi, G. S. 1410, 3809
 Gachoya, J. 1275
 Gadelha, F. R. 1164, 1845, 5103
 Gaeta, G. B. 2525
 Gaevskaya, A. V. 2027
 Gaggini, L. C. 5043
 Gaibatov, S. P. 1419, 1824
 Gaido, A. B. 3661
 Gaikwad, B. B. 4742
 Gajendran, N. 2766
 Gakis, C. 3915
 Galama, J. 2003
 Galanti, N. 4960
 Galati, E. A. B. 1531
 Galatis, D. 272
 Gale, K. R. 158, 3517
 Galey, L. 779
 Galgiani, J. N. 367
 Galibert, G. 2472
 Galinski, M. R. 4086, 4100
 Gall, D. G. 4904
 Gall, G. A. E. 2097, 4881
 Gallagher, G. 1784, 2709
 Gallagher, P. 2787
 Gallais, H. 3927, 5035
 Galland, L. 804
 Gallant, J. E. 3474
 Gállego, M. 1520
 Gallego, M. 1705, 1879
 Gallegos, R. 1683
 Galli Mandarin, L. 1208
 Gallo, M. G. 2998, 3456
 Gallois, Y. 1141
 Galmés, A. 3911
 Galmes, M. M. 4409
 Galofaro, V. 1130
 Galvin, M. L. 4242
 Galy, B. N. 788
 Gama-Rodrigues, J. 203
 Gamage, P. 4497
 Gamage-Mendis, A. C. 786, 1527, 1785, 4883, 5028
 Gamallo, C. 710, 1348
 Gamble, H. R. 3862
 Gan, G. L. 3476
 Gan, M. J. 470
 Gandaho, T. 3813
 Ganguly, N. K. 119, 163, 217, 781, 1226, 1788, 2477, 2690, 3430, 3545, 3569, 3726, 3977, 3990, 4903, 4982, 4998
 Ganguly, S. K. 3556
 Ganjei, P. 2470
 Gannon, P. 4025
 Gans, J. de 4625
 Gans, L. A. 3378
 Gantenberg, R. 151
 Ganushkina, L. A. 1912
 Gao, F. H. 3248
 Garavelli, P. 1906
 Garavelli, P. L. 2037, 2942, 3049, 3566, 3836
 Garay, S. M. 424
 Garber, G. E. 4355
 Garberi, J. C. 4068, 4539
 Garcés, J. M. 4266
 Garcez, L. M. 1292
 Garcia, A. M. 1804
 Garcia, E. R. 2645
 Garcia, E. S. 1521
 Garcia, F. G. 3001
 Garcia, J. J. 68, 100, 3442, 3484-3485
 García, J. M. 3225
 Garcia, L. 3523
 Garcia, L. S. 83, 2124, 3899
 Garcia, M. 4863
 Garcia, M. M. 4750
 Garcia, R. 1197
 García, R. C. 4911
 García-Forcada, A. 1835
 Garcia G., M. 2141
 García Herruzo, J. 3472
 García Martos, P. 3472
 García Quiñones, A. 807
 Garcia-Vazquez, Z. 2573
 García-Zapata, M. T. A. 3742, 4273
 Gard, D. I. 2366
 Garden, O. 3451
 Gardeschi, E. 2558
 Gardiner, C. H. 1710, 3011
 Gardiner, M. 218
 Gardiner, P. R. 663
 Gardner, A. 354
 Gardner, H. A. R. 4797
 Gardner, M. J. 255, 743, 1455
 Gardon, J. 1972, 4184
 Garewal, G. 3557
 Garg, S. K. 3726
 Gari-Toussaint, M. 3471
 Garin, J. P. 2401
 Garin, Y. J. F. 1119, 1395
 Garman, S. C. 2257
 Garner, M. M. 3435
 Garner, P. 3286
 Garnick, E. 4395
 Garofalo, J. 896
 Garraud, O. 2902, 3851
 Garrido, A. B., Jr. 203
 Garrido, R. Bonfante- 813, 816
 Garrone, B. 284
 Garrone, B. M. 4577
 Garside, L. 3502
 Gartner, I. 423
 Garza, A. M. N. 3402
 Garza, J. D. 3316
 Gascón, J. 1835, 3533
 Gashumba, J. K. 2284, 4092
 Gaspar, R. 4195
 Gasparini, G. 1669
 Gasquet, M. 2431, 3296-3297
 Gassmann, L. 3207
 Gastaut, J. A. 2631
 Gathiram, V. 3097
 Gathumbi, P. K. 207
 Gatne, M. L. 4754, 4914
 Gatti, S. 1045-1046, 4553
 Gaturaga, I. M. 2055
 Gatward, L. K. 2390
 Gaucher, A. 5101
 Gaudin, C. 897
 Gault, E. A. 2452
 Gaussorgues, P. 1795, 3249, 5053
 Gautam, A. S. 2317, 3676
 Gautier, V. 2632
 Gavaghan, P. D. 3205, 3229
 Gay, F. 359, 2545, 2865, 3713
 Gay, L. S. 253
 Gaye, M. 1658
 Gaye, O. 2867, 4646
 Gayer, J. G. 687
 Gayibor, A. 4183
 Gayibor, Y. 1555
 Gayral, P. 780, 1990
 Gazin, P. 2793, 3651, 4184
 Gazzard, B. 3685
 Gazzard, B. G. 3247, 3467
 Gazzinelli, R. 4014
 Gazzinelli, R. T. 1102
 Gbaguidi, C. 4717
 Gbary, A. R. 1971, 4183, 4262
 Gboubi, J. C. Kounda 5018
 Ge, N. L. 2703
 Gea, S. 1072
 Gee, T. 2644
 Geinoz, A. 145
 Geisel, O. 84, 2993
 Geisemeyer, S. 726
 Gelas, H. 3906
 Gelberg, H. B. 2614
 Gellert, G. A. 3808
 Gellin, B. G. 3914
 Gemade, E. I. I. 4188
 Gemert, G. J. A. van 806
 Gemetchu, T. 1862, 5021
 Genaro, O. 1502, 4403
 Genchi, C. 3055
 Gendre, L. 5107
 Gendrel, C. 2542, 3267, 3382, 3835
 Gendrel, D. 2542, 3267, 3382, 3705, 3822, 3835
 Gendron, Y. 3837
 Geng, R. G. 2447
 Gennaro, M. di 1265
 Gennes, C. de 4222
 Gentelet, B. 2557
 Gentilini, M. 359, 2125, 2176, 2545, 2795, 2885, 3713, 3817, 4875
 Gentry, P. C. 4189
 George, R. 4916
 George, R. J. D. 91
 Gerard-Boncompain, M. 5053
 Gerba, C. 404
 Gerba, C. P. 4237
 Gerber, A. U. 3379
 Gerke-Bonet, R. 4070
 Gernaat, H. B. P. E. 1216, 2539
 Gero, A. M. 1975, 4507, 4576, 4647
 Gershwin, L. J. 167
 Gerson, U. 1653
 Gerstoft, J. 3044
 Gerth, C. 4680
 Gerundo, N. 2440
 Gervais, C. 5137
 Gervez, F. 4719
 Gesquière, A. 4161
 Gettinby, G. 802, 892
 Geuskens, M. 3168
 Gevel, J. S. van de 2697
 Geysen, D. M. 688
 Geysen, J. 3329
 Ghabrial, H. 2726, 4486
 Ghadirian, E. 4414, 4429, 4843
 Ghafoor, M. A. 4724
 Ghalib, H. 36
 Ghalib, H. W. 1493, 2932, 2952
 Ghana, Noguchi Memorial Institute for Medical Research 5155
 Ghani, M. C. 16
 Gharagozloo, A. R. 1729
 Gharbi, A. 2556
 Ghatak, S. 2299
 Ghiassia, G. 1906
 Ghidini, A. 2899
 Ghiglione, C. 2431
 Ghildyal, R. 3083
 Ghirelli, M. 1265, 3234
 Ghitino, C. 2232
 Ghogomu, N. A. 1667, 2028, 4651
 Ghorbani, M. 1729
 Ghori, N. 239
 Ghosal, J. 4501
 Ghosh, A. K. 899, 1371, 3928, 4656
 Ghosh, A. R. 972
 Ghosh, C. 735
 Ghosh, D. K. 299, 899, 2700, 3191, 4052, 4501, 4856
 Ghosh, L. 3191
 Ghosh, S. 3387, 3487, 3558, 4346
 Ghosh, S. K. 4999
 Ghosh, S. S. 2012
 Ghran, N. 3815
 Giacobbi, D. 2912
 Giacomini, T. 3758
 Giammanco, A. 2311
 Giannini, S. H. 4456
 Gibbins, B. 4258
 Giblin, J. 838
 Gibney, E. J. 1214
 Giboda, M. 2016, 2202, 2535, 5075
 Gibson, H. 2671
 Gibson, H. L. 1814, 2764, 4839
 Gibson, J. A. 395
 Gibson, W. 766, 2762, 3502, 5017
 Gibson, W. C. 2280, 2283
 Gicquaud, C. 1452, 3183
 Giegel, J. L. 2194
 Giesecke, H. 3169
 Gigliotti, A. 3537
 Gigliotti, F. 3089
 Gijzen, H. J. 3022
 Giladi, L. 2945
 Gilbert, G. L. 4287
 Gilbert, J. M. 377, 4425
 Giles, R. C. 2614
 Giles, R. C., Jr. 3342
 Gillfillan, R. S. 2989
 Gili, T. Aldecoa 807
 Gilks, C. 2174, 3910
 Gill, G. S. 4569
 Gill, M. J. 2616, 2928, 3461
 Gill, V. J. 1542
 Gilladoga, A. D. 4673
 Gille, E. 2947
 Gilleece, A. 3132
 Gilles, H. M. 3786, 4163
 Gillespie, S. H. 93, 1622
 Gillet, J. Y. 1745, 4802
 Gillet, P. 5101
 Gillet-Terver, M. N. 5101
 Gillett, M. P. T. 1812
 Gillies, M. T. 3220
 Gillin, F. D. 8, 731, 1844, 1848, 3086
 Gillotin, C. 1236, 4652
 Gilmour, R. A. 3206
 Gilot, B. 2445
 Gilquin, J. 4219
 Gimenez, F. 1236, 4652
 Gimeno, J. L. 4266
 Gimeno, J. M. 4155
 Gimou, M. M. 861
 Ginel, P. J. 4863
 Ginkel, C. J. W. van 2949
 Ginsberg, M. M. 1523
 Ginsburg, H. 350, 379, 1556, 1936, 3187, 4060
 Ginter, A. 1300
 Gioannini, P. 2912
 Giordano, S. 2047
 Giorsetti, V. 3923
 Giovangrandi, Y. 2731
 Giovanni-De-Simone, S. 1618
 Giovannini, M. 2631
 Giovenali, P. 3843
 Girard, P. M. 1744, 2427, 4160
 Girault, A. 1141
 Girdwood, R. W. A. 356, 3206
 Girma, T. 2058
 Giroud, C. 2391, 2396
 Gisborne, E. 4554
 Gisemba, F. 2442, 5071
 Githigia, S. M. 4314
 Githure, J. I. 1515, 4413
 Giudice, G. del 1089, 2173, 4053
 Giugliano, R. 3560
 Gladman, D. D. 1983
 Glaeske, D. 2265
 Glaser, T. A. 3573, 3632
 Glass, M. 686
 Glaumann, H. 3719
 Glazer, E. A. 4146
 Glazunova, Z. I. 978
 Glew, R. H. 4988
 Glickstein, H. 1073

- Glozman, V. N. 4162
 Gluckstein, D. 4807
 Gnasounou, J. P. 1928
 Goa, K. L. 5088
 Goad, L. J. 738
 Göbel, E. 775
 Gobert, J. G. 717, 1168, 1591, 1796, 2582
 Gobright, E. 3598
 Godard, P. 2632
 Goddeeris, B. M. 1253, 2668
 Godeau, P. 4222
 Godet, M. C. 884
 Godfraind, T. 4186
 Godfrey, D. G. 768, 4551
 Godin, P. 4943
 Godinho Lopes, J. M. 4035
 Gödl, I. 25
 Godoy, H. A. 4235-4236
 Godoy, R. A. 215
 Godwin, C. R. 5067
 Godwin, T. A. 1742, 3918
 Goel, P. 3707
 Goellenboth, F. 458
 Goeman, J. 3825
 Goerlich, R. 148, 638
 Goetz, M. B. 3259, 3933, 5060-5061
 Goff, G. le 4114, 4602
 Goff, W. L. 627, 1077
 Gogate, A. 2741, 3374
 Gogg, W. L. 4267
 Goggin, C. L. 558
 Goghmu, A. 4184
 Goijman, S. G. 387
 Gold, D. 4990
 Gold, J. 2820
 Gold, J. W. M. 3042, 3932
 Gold, R. 4721
 Goldberg, A. K. 131
 Goldberg, B. 4662
 Goldberg, D. E. 1441
 Goldberg, S. S. 4579
 Goldenberg, S. 150, 224, 1446, 4445, 4973
 Goldie, H. 2265
 Goldin, R. 3919
 Goldin, R. D. F. 2132
 Golding-Beecher, O. 477
 Goldman, I. F. 4091
 Goldman, P. 370
 Goldschmidt, C. 4812
 Goldschmidt-Clermont, P. J. 1450
 Goldsmid, J. M. 475
 Goldston, R. T. 3011
 Golenda, C. F. 3988
 Golenser, J. 777, 1889, 2415, 4226, 4984, 5079
 Golovkina, L. P. 1797
 Golubkov, V. I. 1630
 Goma, J. 2178
 Goman, M. 4090, 4541
 Gombe, S. 709
 Gombošová, A. 4496
 Gomes, A. de C. 1531
 Gomes, G. M. Santos- 314
 Gomes, J. B. 1012
 Gomes, M. L. 4537, 4679
 Gómez, E. 4467
 Gomez, E. A. 301, 2695
 Gomez, E. A. L. 1516
 Gomez, L. 5113-5114
 Gomez, T. 2315
 Gomez, Z. M. 1194
 Gómez Estrella, S. 1698
 Gomitato, G. 2550
 Gomis, E. 3832
 Gommers-Ampt, J. 747
 Gompel, A. van 376, 867
 Gompels, M. 2132
 Gonçalves, A. M. 2464, 4537, 4556, 5129
 Gonçalves da Costa, S. C. 3974, 4481
 Goncharov, D. B. 2202
 Gong, Z. F. 1052, 3499
 Gonzales, C. I. 1373
 Gonzales, J. C. 3945
 Gonzales-Perdomo, M. 1446
 González, A. 433, 3095-3096, 3437
 Gonzalez, C. 3533
 Gonzalez, E. 3339
 González, N. S. 2422, 3157
 González, R. 442
 Gonzalez-Cappa, E. 4074
 González Cappa, S. M. 1331
 González-Cerón, L. 1391
 González de Polanía, L. A. 1833
 Gonzalez-Garza, M. T. 2423
 González-Gay, M. A. 3457
 González Morteo, C. 1698
 Good, M. F. 172, 3113, 3506, 3514, 4430
 Good, R. A. 2645, 3969
 Gooday, G. W. 3714
 Goodger, B. 4577
 Goodger, B. V. 158, 284, 4892-4893
 Goodier, M. 4427
 Goodman, C. 423
 Goodman, P. C. 4791-4792
 Goodwin, L. G. 1637
 Gool, T. van 2854, 4625
 Gordon, B. E. 3759
 Gordon, C. J. 3043
 Gordon, D. M. 835, 4021, 4029
 Gordon, G. L. R. 4743
 Gordon, J. I. 3290
 Gorelkin, L. 2908
 Gorelov, A. I. 1836
 Gorenflot, A. 1168, 1366, 2782
 Gorham, J. R. 627
 Gori, S. 2558
 Gorin, P. A. J. 3149
 Goriup, S. 3239
 Gorla, N. B. 3301
 Gorlero, F. 5042
 Gorowara, S. 3569
 Gorrell, T. E. 1846
 Gorrichon, L. 1579
 Gosser, D. K., Jr. 3291
 Gossett, K. A. 219
 Gotelli, N. J. 295
 Gothe, R. 51
 Goto, H. 1558, 3985, 4416
 Gottberg, C. F. 2246
 Gottlieb, M. 761
 Gottlieb, N. L. 4660
 Gottrand, F. 4476
 Gottschau, A. 4291
 Gottstein, B. 648, 1372, 3980
 Goudiaby, A. M. L. 2134
 Gougerot Pocidalo, M. 4628
 Gouillet-Fleuret, A. 3994
 Gould, S. S. 854
 Goumy, P. 1665, 2536
 Gouteux, J. P. 809, 2326, 2443, 2446, 4125, 5018
 Govardhini, P. 3202, 3348, 4107
 Govere, E. 1627
 Goyal, J. 3569
 Gozal, D. 4629, 4913
 Gozar, M. M. G. 3146, 4510
 Graaf, D. C. de 2600
 Grab, D. J. 4439, 4527, 4529
 Graber, P. 3379
 Grabow, W. O. K. 3368
 Grabowski, C. 393
 Grabstein, K. H. 1768, 2678, 4203
 Gracheva, L. I. 2202
 Gradon, J. D. 4814
 Gradoni, L. 1081, 1157, 1159-1160, 1162, 1177, 1209, 1480, 4978
 Graham, D. I. 2229
 Graham, D. W. 2821
 Graham, G. 3025
 Graham, N. M. H. 1328
 Grall, M. 1804
 Gramiccia, G. 3240
 Gramiccia, M. 1081, 1157, 1159-1160, 1162, 1177, 1209, 1480, 4978
 Gramlich, S. M. 517
 Grana, D. 4034
 Granados, R. 1513
 Grandin, B. E. 801
 Grandón, W. 996
 Granger, A. M. 337
 Granger, B. 3352
 Graninger, W. 149, 850, 3695, 4401
 Granot, I. 1228
 Granstrom, D. E. 167, 2614, 3342, 3407
 Grant, A. 2418
 Grant, A. D. 3469
 Grant, I. S. 1740
 Granthill, C. 2623
 Grass, C. 3837
 Gras-Masse, H. 1379, 3085
 Gratwohl, A. 2850
 Gratz, N. G. 3674
 Gratzner, W. B. 4989
 Grau, G. E. 2178, 2218, 2694, 4497
 Graves, P. 1079
 Graves, P. M. 2540
 Gravois, M. G. 3887
 Gray, J. J. 4811
 Gray, J. S. 157, 2665, 4025
 Gray, M. A. 1240
 Gray, M. W. 255
 Graziani, A. L. 2841
 Grazioli, L. 5094
 Grecco, O. 3375
 Greco, B. 1095, 4449
 Greef, C. de 2266
 Green, C. A. 815
 Green, E. 649
 Green, K. M. 1814
 Green, L. E. 1022, 2566
 Green, P. H. R. 2938
 Green, S. D. R. 2228, 2546
 Green, S. J. 134
 Greenaway, P. J. 1426
 Greenberg, A. E. 4435
 Greenberg, D. 2944
 Greenberg, S. 1932
 Greenberg, Z. 2945-2946
 Greenblatt, C. L. 771
 Greene, C. E. 95, 4441
 Greene, I. 3475
 Greene, J. 424
 Greenfield, R. A. 4419
 Greeno, R. A. 2914
 Greenstein, G. 3001
 Greenwalt, D. E. 4102
 Greenwood, A. G. 1314
 Greenwood, B. 1431
 Greenwood, B. M. 430, 1152, 1254, 1280, 1373, 1549, 1569, 1810, 2681, 3515, 3544, 4685, 4886
 Greenwood, J. 1769
 Gregoriadis, G. 3084
 Gregorio, C. G. de 1213
 Gregório, E. A. 320, 821, 4378-4379
 Gregory, M. W. 303
 Gregory, R. D. 1994
 Gregory, R. J. F. 159
 Gregory, W. B. 35
 Greig, S. 4506
 Greiner, E. C. 2481, 3433
 Greis, K. D. 3149, 3156
 Greist, A. 4808
 Grellier, P. 1143, 2691
 Greden, H. 3935
 Greuel, E. 1561
 Greve, J. H. 931
 Grewal, A. S. 1539, 5033
 Grieve, A. S. 489, 794, 832, 2056, 2307, 2565, 3516
 Grieve, C. W. 160
 Griggi, T. 4841
 Grignon, S. 1954
 Grigoli, C. di 2047
 Grikenene, Ya. S. 3355
 Grikenienė, J. 3355
 Grillo, L. R. 2615
 Grim, J. N. 3942
 Grimaldi, G., Jr. 194, 301, 2314, 4333, 4612
 Grimason, A. M. 3652
 Grimaud, J. A. 2739
 Grimes, B. H. 4699
 Grimmond, T. R. 3630
 Grimwood, J. 1891, 4326
 Grinstein, S. 668, 3094
 Grizel, H. 2167, 2704, 4943
 Groendijk, H. 2755
 Groff, J. M. 1434
 Grogli, M. 860, 882
 Gromo, G. 4015
 Groote Veldman, R. 706
 Grootenhuis, J. G. 679, 837, 4019
 Grosholz, E. D. 3186
 Groskin, S. A. 2844
 Gross, M. 1410, 1775, 4021, 4029
 Gross, U. 5130
 Grosse, G. 90
 Grossheider, G. 2164
 Grossman, M. 467
 Grossman, M. E. 2554
 Grossniklaus, H. E. 3396
 Group of Experts 461
 Groux, H. 120
 Grover, N. K. 3798
 Grundler, G. 491, 496, 499
 Grundler, G. H. M. 707
 Grünwald, T. 2620
 Gruppi, A. 153, 1072
 Gruszynski, E. S. 2760
 Gschmeissner, S. 1314
 Gu, Q. M. 981
 Gu, Y. Z. 3164
 Guan, L. R. 3592, 3903, 5029
 Guan, Z. 2007
 Guarda, F. 1003, 3037, 4748
 Guasparini, R. 306
 Gubanov, V. V. 2027
 Gubler, J. 1736
 Guderian, R. H. 860, 1940
 Guderian H., R. H. 785
 Guedegebe, B. 992
 Gueglio, B. 4725
 Guelain, J. 2937
 Guenoun, F. Z. 3826
 Guercio, A. 2076
 Guerra, C. 3352
 Guerra, C. S. 4402
 Guerra, D. 2419
 Guerra, L. 3796
 Guerrant, R. L. 80, 3395, 4492, 4692
 Guerre, J. 1829
 Guerrero, F. T. 718
 Guerrero, O. 2804
 Guerret, S. 2739
 Gueye, A. 481, 2052
 Guglielmetti, P. 3566
 Guglielmo, A. A. 3661
 Guha, C. 1688
 Guhl, F. 2456
 Guibert, F. 3758
 Guidice, G. del 1785, 4024
 Guiguemde, T. R. 1971, 3392, 4183, 4262
 Guiguli, P. 1048
 Guijarro, C. 3041
 Guilbride, L. 4948
 Guilherme, C. do S. 2471
 Guilhot, F. 2843
 Guillot, B. 828
 Guillotte, M. 4008
 Guilvard, E. 1520, 1879
 Guimarães, A. M. 50
 Guimarães, S. 3091
 Guissou, P. I. 4191
 Guiver, L. 3345
 Gulati, A. K. 1655
 Guldager, H. 3051
 Gull, K. 1860, 4070
 Gumm, I. D. 1612, 2455, 4059
 Gumsley, P. 2786
 Gumtrontip, S. 2990
 Gunathialaka, M. W. 1247
 Gunawan, J. 4433
 Günay, M. 4248
 Günder, B. 148
 Gundlach, B. 891
 Guneratne, J. R. M. 2366

- Gunn, H. M. 2969
Gunsberg, S. 3593
Guntaka, R. V. 4969
Günther, K. 1849
Günzl, A. 1154, 2275, 2466
Guo, T. J. 4164
Guo, X. H. 2702
Guo, Z. G. 2205
Gupta, A. 3928
Gupta, A. K. 3648, 4223, 4840
Gupta, C. M. 3254
Gupta, I. 2477, 4982
Gupta, M. 1283
Gupta, M. C. 1664
Gupta, N. 4859
Gupta, R. 1688, 4223
Gupta, R. K. 3557
Gupta, R. P. 4741
Gupta, S. 4944, 5146
Gupta, S. C. 4223
Gupta, S. K. 3861
Gupta, S. L. 2976, 3115, 3987, 4470
Gurman, G. 4362
Gurnett, A. M. 2257
Gürler, R. E. 2306, 5027
Guru, P. Y. 1686, 1922, 1933, 2852
Guscelli, F. 503
Gusmão, S. 948
Gustafsson, L. L. 1982
Gustowska, L. 4484
Gut, J. 1868, 3626
Gutell, R. R. 4081
Güther, M. L. S. 3148
Guthrie, A. J. 1840
Gutierrez, L. S. 945
Gutierrez, Y. 1417, 4252, 4256
Gutman, E. 1927
Gutteridge, W. E. 1412
Guttinger, M. 4420
Guy, H. 3718
Guy, M. W. 5000
Guyonnet, V. 1584
Guzman, F. 1787, 4031
Guzmán C., H. 3806
Guzzetti, S. 1825
Gwadz, R. W. 2484, 3613
Gyhrs, A. 1981
Gyorkos, T. W. 411
Gysin, J. 120, 3112, 3852
Gyulai, F. 4520
Haas, C. N. 416
Habibullah, C. M. 2901
Habluetzel, A. 909, 1392, 4845
Häcker, G. 638
Hada, R. 3343
Hadam, M. 147
Hadaş, E. 2255-2256
Hadler, J. L. 321
Hadley, W. K. 86, 423
Hafezi, R. 1729
Hafid, J. 2686
Hagar, J. M. 21, 4487
Hage, M. H. van der 4768
Hägele, H. 3313
Hager, K. 4407
Hägglblom, L. 4434
Haghighat, N. G. 3576
Haghighi, P. 3917
Haginaka, J. 4678
Haglund, S. 2674
Hai, A. A. 2042
Hai Le Trong 3174
Haidaris, C. G. 3171
Haidaro, S. A. 1290
Haidl, S. 4171
Haile, Z. 2001
Hajdú, É. 3494
Hajduk, S. 4076
Hajduk, S. L. 75, 3616, 4407, 4550, 4946
Hak, L. J. 2886
Hakim, F. T. 1102
Hakim, M. 4811
Haldar, D. P. 543
Haldar, K. 133, 239, 1893, 4516
Hale, D. 4244
Halevy, D. 1801
Halevy, S. 3951
Hall, B. F. 1890
Hall, B. T. 1818
Hall, F. R. 250, 1917
Hall, G. S. 1394
Hall, J. E. 385, 865, 1979, 3591
Hall, R. 256, 2724, 2813, 4630, 4949
Hall, S. M. 4351
Hall, T. 3988
Halladay, P. K. 2413
Hallebeek, A. 4786
Hallenbeck, W. H. 3198
Halloran, M. E. 4588
Ham, L. van 1307
Ham, M. van 3740
Hamadto, H. H. 1258
Hamelmann, C. 1783
Hamers, R. 651, 927, 2266, 2281, 2766, 4453
Hamilton, B. K. 2300
Hamilton, G. 2787
Hamilton, P. B. 3128
Hamilton, W. D. 3636
Hamir, A. N. 47, 1421, 2155, 3000, 3431, 4322, 4740, 4819
Hammami, E. 3815
Hammer, J. A., III 249
Hammer, R. A. 888
Hammerschmidt, F. 727-728, 3162
Hammond, B. R. 4713
Hammond, M. L. 4636
Hampson, A. W. 674
Hamza, P. A. 3872
Han, G. D. 1190
Hanaichi, T. 4986
Hanchard, B. 2127
Hancock, V. 275
Handlos, M. 491, 496
Handman, E. 4413
Handoussa, A. E. 1008
Handschin, J. 3690
Handunnetti, S. M. 2736, 2740, 4673
Haneberg, B. 4434
Hanekamp, T. 254
Hanham, C. A. 1092, 1393
Hanlon, C. A. 3000, 3431
Hanlon, M. H. 1987
Hanlon, R. T. 3891
Hann, J. T. 4211
Hannah, A. 4213
Hannan, J. 501
Hannan, T. 896
Hanocq, M. 1602, 4191
Hansen, B. R. 2448
Hansen, J. S. 1634
Hansen, M. B. 3518
Hansford, C. F. 2383
Hanson, A. 3958
Hanson, A. P. 1593, 4291, 4882
Hanson, J. 4667
Hanson, S. 3173
Hanson, W. L. 1544, 2881
Hantson, P. 3727
Hanula, J. L. 201
Haq, S. 2449
Haque, F. 330
Har-El, R. 1889, 4226, 4984
Hara, K. 3682, 3931
Harada, M. 227, 266
Harbecke, D. 3154
Harbers, A. H. M. 1396
Hardenberg, J. 2353
Hardin, J. A. 4904
Hardy, W. D. 2363
Hargreaves, B. J. 2411, 4657
Harika, G. 1953
Harinasuta, T. 4168
Harinath, B. C. 3996
Harith, A. E. 5000
Harkness, J. L. 1937
Harland, C. C. 2040
Harland, S. J. 3306
Harman, C. 3247
Harmelin, A. 3740, 3873
Harmon, W. M. 943, 4268
Harms, G. 1202, 2182
Harmsen, A. G. 3078
Harnett, P. 2787
Harr, J. R. 3318
Harries, N. 4667
Harrington, R. 2665
Harrington, R. D. 627
Harris, E. 2821
Harris, J. R. W. 2132
Harris, M. 4076
Harris, M. E. 3616, 4550, 4946
Harris, R. K. 3011
Harrison, A. C. 2878, 4794
Harrison, B. A. 835, 1514, 2518
Harrison, L. R. 1707
Harrison, V. 162
Hart, B. L. 4583
Hart, C. A. 2933
Hart, G. W. 3290, 4939
Harth, G. 3161, 3171, 3175
Hartley, W. J. 2589, 3885
Hartmann, R. 3578
Hartshorne, T. 1479
Hartwick, E. B. 1425
Hartwig, H. 2190
Harvey, J. W. 2084
Harwood, J. L. 3139
Hasan, N. 1356
Hasche, H. O. 196
Haseeb, M. A. 428
Hashemi-Fesharki, R. 862
Hashiguchi, Y. 301, 1516, 1894, 2695, 4607
Hashimoto, A. 2671, 3080
Hashimoto, Y. 4855, 4877
Hashiro, C. 1082, 2671
Hashizume, T. 4548
Hasibeder, G. 4113, 5000-5001
Hasler, T. 4102
Hasler, T. H. 2736, 4494
Haslett, P. 3121
Hassabalsoul, M. A. 1595, 4643
Hassan, A. A. 990
Hassan, A. K. 670
Hassan, I. M. 1595
Hassan, K. 3195
Hassan, M. E. A. 965
Hassan, M. Q. 4535
Hassan, T. 3920
Hassan-King, M. 430
Hasselot, N. 1624
Hassl, A. 415, 647
Hassoun, A. 3727
Hatcher, V. B. 2242
Hati, A. K. 4641, 5020, 5127
Hatin, I. 2472
Hattel, A. L. 3438
Hauquitz, D. 1853
Hauser, L. 4228
Hausmann, N. 3847
Havell, E. A. 3078
Havli, D. 4796
Hawkins, D. A. 3247
Hawkins, J. H. 3441
Haworth, J. 2121
Hay, F. C. 672
Hay, J. 4704
Hayat, B. 4151
Hayat, C. S. 4151
Haynes, J. D. 3507, 3638
Hazen, K. C. 3395
Hazoume, F. A. 3814
Hazra, P. K. 3799
He, G. 3957
He, J. G. 2587, 2904
He, S. H. 4203
He, Y. G. 4348, 4483
He, Z. J. 2699
Heading, C. A. 1830
Heald, A. 5057, 5065
Healey, A. 4959
Healey, M. 3359
Healey, M. C. 579, 3005, 3109, 3678, 4418, 5047
Healy, M. J. R. 3327
Healy, N. 4506
Heap, B. J. 2789
Heath, A. W. 4012
Heath, S. 4544
Heble, M. R. 1578
Hecht, J. H. 748
Heck, J. E. 2116
Heck, J. V. 4636
Hecker, H. 1443, 2252, 4927, 4957
Hedrick, R. P. 1343, 1434, 2097, 4881
Hedrick, R. P. 2232
Hedstrom, O. 3883
Heeg, K. 638
Heesemann, J. 5130
Hefford, C. 4976
Hefler, C. 1399
Hefnawy, Y. 547
Heffer, H. 3466
Hegenscheld, B. 3696
Heidrich, H. G. 148, 1143
Heijmans, J. F. 455
Heimowitz, C. 804
Heinicke, A. 3755
Heinemann, G. 706
Heinrichs, A. J. 1923
Heinzel, F. P. 136, 3077
Heise, W. 90, 576
Heiskari, U. 2971
Heitlinger, L. A. 4476
Heius, D. 1294
Heizmann, W. R. 3736
Hel, W. van der 202, 4480
Held, T. 895, 3257
Helg, C. 3463
Helland, R. 891
Hellgren, U. 333, 1205, 1582
Hellman, U. 1445
Helmy 3907
Helsby, N. A. 887
Hemmer, C. J. 1935
Hempel, J. H. G. 2784
Hempelmann, E. 4226
Hemphill, A. 595, 3062, 4406
Henderson, D. M. 4077
Henderson, G. B. 223, 1441, 1864, 3152-3153
Henderson, W. R., Jr. 288
Hendler, J. M. 2641
Hendricks, L. D. 1625
Hendrickse, R. G. 3538
Hendrickson, N. 4077
Hendrix, L. 1504
Hendy, C. R. C. 929, 2356
Henein, S. 4357
Hengy, C. 861, 1173, 1667, 1972, 2028, 2531, 4184, 4629, 4651
Hennager, S. G. 169
Hennequin, C. 2629
Hennessey, N. P. 2625
Henney, H. R., Jr. 248
Hennigan, L. 373
Henrichsen, J. 1981
Henriksson, J. 2763
Henriksson, K. 4757
Henriquez, A. 4251
Henriquez, D. A. 4932
Hentsche, J. 1009
Herath, P. R. J. 786, 5028
Herd, R. P. 3332
Heremans, H. 1763
Herholdt, J. J. 3436
Hérion, P. 1376
Herlt, A. J. 3731
Hermand, E. 1885
Hermans, L. 1192, 4638
Hermentin, K. 464-465
Hermida, R. C. 307, 799-800
Hermoso, T. 4055
Hermesen, C. C. 4891
Hernandez, A. G. 4065
Hernandez, C. 4065
Hernandez, V. I. 4985
Hernández Ortiz, R. 2216, 2339
Heron, I. 1981
Herrera, M. 1469
Herrera, M. A. 671, 4421
Herrera, S. 671, 1469, 4421
Herrera Rodriguez, D. 3403
Herrington, D. 1773, 3954
Herrington, D. A. 616, 2775
Herrmann, D. K. 3696
Herruz, P. G. 433
Hervás, J. A. 2524
Hervaud, E. 2167
Hervio, D. 2167, 2704, 4943
Herwaldt, B. L. 4142
Heseltine, P. 3263
Hess, A. D. 773

- Heudier, P. 3816
 Heusser, R. 5055
 Heussler, V. T. 4586
 Hewan-Lowe, K. O. 4790
 Hey, A. S. 4413
 Heydom, A. O. 1255
 Heyer, F. 3999
 Heyligenberg, R. 3459
 Heywood, P. 3286
 Heyworth, M. F. 4424
 Hickton, C. M. 4213
 Hide, G. 2605
 Hidioglou, M. 1693, 1695, 4745
 Hiebsch, R. R. 1588
 Hieny, S. 1102, 4014
 Hiepe, T. 151, 1106, 1902, 3771
 Hietala, S. K. 2168
 Higasa, M. 699
 Higashinakagawa, M. 1299
 Higashiyama, Y. 3682
 Higgins, R. J. 500
 Higgs, S. 1336
 Hightower, A. W. 1108
 Higuchi, M. L. 2680
 Higuchi, S. 3353, 3356
 Hilali, M. 4121, 4451
 Hilger, H. H. 2875
 Hill, A. R. 4357
 Hill, A. V. S. 3544, 3746, 4455, 4886
 Hill, B. D. 1420, 1771
 Hill, B. J. 1267
 Hill, D. R. 334, 2118
 Hill, H. T. 4104
 Hill, N. 915
 Hillard, S. 954
 Hillman, K. 2459
 Hillman, R. E. 1723
 Hills, D. A. 3247
 Hillyer, E. V. 3433
 Himeno, K. 3530, 3969
 Hinaidy, H. K. 1010, 2994
 Hinchliffe, N. W. 3153
 Hindsbo, O. 2577
 Hine, P. M. 2486
 Hines, J. C. 1865
 Hing, M. C. 4812
 Hinostroza, S. 3959
 Hira, S. K. 1044
 Hirose, T. 1382
 Hirschel, B. 4809, 5057, 5065
 Hirst, L. W. 3800
 Hirumi, H. 892
 Hirvelä-Koski, V. 655
 Hisa, A. 3223
 Hisaeda, H. 3969
 Hitt, N. D. 923
 Hnatiuk, O. W. 5059
 Ho, J. 5128
 Ho, J. L. 4203
 Ho, K. J. 2637
 Ho, L. C. 4869
 Ho, M. 195, 285, 3641, 3722
 Hoaksey, P. E. 4654
 Hoang-Xuan, T. 4788
 Hoare, J. A. 279
 Hobbs, R. P. 3182
 Hochberg, M. E. 3643
 Hockertz, S. 2373
 Hocquemiller, R. 1577
 Hodgson, J. L. 614, 1357, 1996
 Hoenig, M. 3130
 Hoepelman, A. I. M. 2649
 Hoerchner, F. 632
 Hoessli, D. 4053
 Hoff, R. 373
 Höfken, G. 1193
 Hoffman, M. E. 1164
 Hoffman, P. 3468
 Hoffman, R. L. 2073
 Hoffman, S. L. 134, 352, 426, 2166, 3554, 4029, 4464, 4858
 Hoffmann, R. W. 61, 1128, 1261, 1548, 2157, 2192, 2388
 Hoffmann-Fezer, G. 2192
 Hofhuis, E. H. 1115
 Hofman, P. 1678, 2630, 3923, 3925
 Hofmann, A. M. 5055
 Hofmann, E. 2141
 Hofschneider, P. H. 271
 Hogg, N. 3564
 Høgh, B. 266, 1111, 1593, 3958, 4291, 4882
 Höglund, J. 4097
 Hogue, D. L. 4576
 Hohlfeld, P. 144, 2731
 Hoida, G. 392, 3740
 Højeberg, B. 637
 Hojo, H. 4877
 Hol, W. G. J. 1843, 2755
 Holaday, B. J. 136
 Holasová, E. 2060
 Holdcroft, C. J. 2368
 Holdener, F. 1930
 Holder, A. 4899
 Holder, A. A. 235-236, 2676, 2779, 3515
 Holdsworth, D. K. 458
 Holeman, M. 1579
 Holland, C. J. 654
 Holland, E. J. 3377
 Holland, S. 4692
 Holliman, R. 1044, 2174
 Holliman, R. E. 93, 441, 473, 1047, 1097, 2145, 2543, 2628, 2635, 2809, 2936, 3101, 4261, 4297, 4367, 4879, 5131
 Hollingdale, M. 1773
 Hollingdale, M. R. 444, 673, 4029, 4849
 Hollister, W. S. 1287
 Holm, A. 3958
 Holmberg, H. 1217
 Holmberg, M. 1153
 Holmes, J. C. 198
 Holmes, P. H. 358, 933, 1189, 2361, 2393, 2452, 5084-5085, 5089
 Holmquist, G. 1170
 Holshuh, H. J. 210
 Holst, F. G. E. 1935
 Holst, I. 4036
 Holt, R. A. 5030
 Holzbecher, J. 335
 Homan, W. L. 4981
 Homans, S. W. 3149-3150, 3155-3156, 4051
 Homer, B. L. 4340
 Hommel, M. 769, 1034, 4022
 Honda, M. 3427
 Hong, C. B. 3342
 Hong, F. 2507
 Hong, H. 4557, 4832
 Hong, S. T. 4308
 Hontebeyrie-Joskowicz, M. 700, 1070, 1074, 1790, 4074
 Hoo, G. W. S. 5060
 Hoogenboom, L. A. P. 904-905
 Hoogsteen, K. 2881
 Hooimeijer, J. 4770
 Hooper, L. N. 1991
 Hoorens, J. K. 2583
 Hoover, D. R. 1328
 Hopewell, P. 423
 Hopewell, P. C. 86, 327, 3896
 Hopkin, J. M. 3345, 3780, 4980
 Hopkins, J. 2171, 3092
 Hopkins, J. S. 857
 Hopp, P. 24
 Hoppe, H. C. 5124
 Horak, I. G. 2093
 Horenstein, B. A. 1847
 Horn, G. W. 3273-3274
 Horn, J. L. 3727
 Horn, K. 1255
 Horowitz, H. W. 3703
 Horsburgh, B. 3800
 Horsburgh, B. A. 176
 Horstmann, R. D. 237, 1127, 1783, 3151, 4950
 Horváth, G. 3568
 Hosein, Z. 152
 Hoshi, F. 3356
 Hoshino, S. 2980
 Hoshino-Shimizu, S. 2198
 Hoskins, J. D. 53, 525
 Hossain, K. M. B. 964
 Hoste, C. 492
 Hostetler, T. L. 2329
 Hotzel, M. J. 3856
 Hou, S. C. 4299
 Houdier, R. 3839
 Houghten, R. A. 3506, 4430
 Houin, R. 1990
 Hounsinnou, C. 2827
 Hountondji, A. 1681, 4039
 Houston, R. 2847
 Houston, S. 3688
 Houzé, P. 4204
 Houze de l'Aulnoit, D. 3999
 Hovette, P. 3389, 3527, 3706
 Howard, C. J. 1800
 Howard, J. C. 3501
 Howard, M. J. 2610
 Howard, M. K. 1499, 4686
 Howard, R. F. 3615
 Howard, R. J. 2736, 2740, 3075, 3093, 3638, 4102, 4494, 4571, 4673
 Howe, D. K. 4540
 Howe, J. 1750
 Howells, R. E. 2880
 Howerth, E. W. 4341
 Howes, E. 423
 Howes, G. 930
 Hsiang, Y. K. 3865
 Hsiao, L. 3075
 Hsu, C. H. 528
 Hsu, J. P. 3021
 Hu, B. H. 4053
 Hu, W. N. 736
 Hu, X. Y. 981
 Hu, Y. M. 2894
 Hu, Y. X. 1190
 Hua, D. G. 2823
 Huang, B. C. 1190
 Huang, B. F. 3243
 Huang, C. M. 4058
 Huang, D. 859
 Huang, D. S. 513
 Huang, D. Y. 2710
 Huang, D. Z. 4200
 Huang, H. H. 2588
 Huang, H. T. 3021, 3024
 Huang, J. 1451, 1459, 4075
 Huang, J. C. 2586-2587, 2662, 2925
 Huang, Q. L. 2806
 Huang, S. S. 3460
 Huang, S. Y. 4454
 Huang, T. Y. 2699
 Huang, W. 2905
 Huang, X. F. 2602
 Huang, Y. T. 859
 Hubbard, G. B. 714, 2050
 Hubbell, J. 4208
 Huber, M. 1903
 Huchzermeyer, F. W. 1837, 2093, 4338
 Hudson, R. 3063
 Huet, G. 3168
 Hufert, F. T. 3179
 Hufford, C. D. 381
 Hug, M. 1150
 Hughes, B. L. 1230
 Hughes, M. 769
 Hughes, W. 1932
 Hughes, W. T. 2640
 Hugo, C. T. 4609
 Huguet, M. F. 3984
 Hui, G. S. N. 1082, 2671, 3080, 4839
 Huilan, S. 4724
 Huizenga, H. 1852
 Hull, R. W. 2891
 Hulley, S. 15
 Hulst, M. B. van der 2697
 Human, L. 2869
 Hundt, E. 1468, 3552
 Hung, H. H. 3021, 3024
 Hunt, A. L. C. 475
 Hunt, C. 5128
 Hunt, N. H. 2413, 4495, 4918
 Hunt, P. D. 256
 Hunter, C. A. 1375, 3253, 4178, 4844, 4938
 Hunter, R. L. 1764, 4897
 Huntington, P. J. 4666
 Huo, J. Z. 3277
 Hupe, D. J. 3732
 Hupperich, K. 1488
 Hurault de Ligny, B. 2044
 Hürlimann, R. 4720
 Hurwitz, S. 1228
 Husen, N. van 3755
 Huskinson-Mark, J. 369
 Hussein, H. S. 2154, 3401, 4818
 Husson, R. N. 5068
 Hutchinson, A. 2293
 Hutchinson, G. W. 705
 Hutchison, W. M. 2229
 Huxsoll, D. L. 3422
 Hvidberg, E. F. 1593
 Hvidsten, D. 4434
 Hviid, L. 2677, 2691, 3072, 3525, 4412
 Iams, K. 4529
 Iams, K. P. 3598
 Ianaia S., A. 3655
 Iannariello, J. 718
 Iannascoli, F. 3267
 Iannelli, N. 2085
 Iannello, D. 4432
 Ibáñez-Bernal, S. 3666
 Ibarra, A. M. 2097, 4881
 Ibrahim, J. B. 1112
 Ibrahim, K. E. 1595, 4643
 Ibrahim, M. K. 534
 Ibrahim, S. A. M. 413
 Icenogle, T. B. 2639
 Ichimori, K. 3662
 Ichinose, Y. 652
 Ichizawa, T. 472
 Idatte, J. M. 4214
 IDRC Reports 4133
 Idriss, A. 2066
 Iezhova, T. A. 3939
 Igarashi, I. 773, 1110, 1382, 3099
 Igbigbi, P. S. 1592, 1596
 Igbokwe, I. O. 4907
 Iglesias, J. R. 577
 Iguchi, T. 2083
 Ihara, S. 764, 1883
 Iheanacho, E. N. 2892
 Ihekwa, A. E. 1670
 Iida, K. 1776
 Ikeda, H. 1475
 Ikeda, I. 3135
 Ikeda, S. I. 2660
 Ikede, B. O. 795
 Ikeler, T. 2881
 Ikeme, M. M. 1109
 Ikende, B. O. 2051
 Ikpat, N. W. 4188
 Ilemobade, A. A. 2053
 Ilg, T. 3150, 3154
 Ildrissi, A. 1579
 Ilyushechkin, Yu. P. 1560
 Im, K. I. 154, 420, 3956, 4436, 4440
 Imai, S. 246, 531, 2660
 Imamura, K. 1722
 Imberechts, H. 2266
 Imbert, P. 2557
 Imboden, M. 4406
 Imbuga, M. O. 1633, 4994
 Imevbore, A. M. A. 2492
 Imose, J. 4563
 Imura, M. 3938
 Inal, F. 397
 Inchausti, A. 4607
 Indelicati, G. 3908
 Ineson, R. W. 988
 Infante, R. B. 3968
 Infuso, A. 3270
 Ingram, B. A. 1718
 Ingram, G. A. 3216
 Ingravallo, P. 4086
 Injairu, R. 5071
 Inman, G. J. 256
 Innes, E. A. 1253, 4465
 Infuentes, A. 4304
 Inoue, I. 722, 2083, 3938
 Inselburg, J. 3607
 Inskeep, W., II 3011
 Institut de Médecine Tropicale
 Prince Léopold 4706-4707
 Institut Pasteur de Madagascar
 2018
 Intarakhao, C. 1115

- International Journal for Parasitology 5156
 International Laboratory for Research on Animal Diseases 3362-3364
 International Scientific Council for Trypanosomiasis Research and Control 957, 2493
 Inverso, J. A. 264
 Ioachim, H. L. 1747, 2133
 Ionas, G. 49
 Ioppolo, S. 2187
 Iori, A. 1028
 Iosa, D. 1825
 Ip, H. S. 4940
 Iqbal, Z. 4151, 4749
 Irare, S. G. M. 3686
 Irish Veterinary Journal 2334
 Irlina, I. S. 1638
 Irons, K. P. 3658
 Irshad, M. 2723
 Irungu, L. W. 4601
 Irvin, A. D. 801
 Irvine, J. A. 4764
 Irving, D. 1853
 Irving, H. C. 3842
 Irwin, P. J. 705
 Isaac-Renton, J. 277
 Isaac-Renton, J. L. 4253
 Isaacson, M. 466
 Isabel, S. 2788
 Isautier, H. 4132
 Iseki, M. 189, 3081, 3098
 Isharaza, W. K. 2196, 2451
 Ishiai, K. 2083
 Ishihara, M. 2996
 Ishii, A. 3673
 Ishii, T. 3279
 Ishikawa, E. A. 1292, 2031
 Ishikawa, E. A. Y. 1882, 3390
 Ishikawa, E. E. A. 825, 3009
 Islam, A. K. M. N. 2727, 2743
 Islam, M. 4723
 Ismail, A. A. 2210
 Ismail, B. 2341
 Isobe, T. 4469
 Isola, E. L. D. de 945, 4245
 Israel, K. S. 1735
 Israël-Biet, D. 619
 Israeli, B. A. 3740
 Israelski, D. 338, 3263
 Issi, I. V. 70, 1346, 1754, 2223, 3023
 Istin, B. 5097
 Isuierdo Calzado, A. 2134
 Itabashi, H. 2072, 2979, 3400
 Ito, H. 3004
 Ito, N. 3126
 Ito, S. 4312
 Ito, Y. 1519, 3093, 3969, 4494
 Itoh, M. 1066
 Itty, P. 491, 495-499, 708, 797, 1040, 2057
 Ivan, M. 1693, 1695, 4745
 Ivanov, B. B. 2717
 Ivanov, K. S. 1836
 Ivanov, V. T. 2717
 Ivens, V. 3779
 Ives, K. 401
 Iwabuchi, I. 3884
 Iwai, H. 1873
 Iwamatsu, S. 2078
 Iwamoto, I. 4568
 Iwamoto, M. 4000
 Iyer, S. V. 3374
 Izat, A. L. 1229
 Izri, M. A. 4117, 4234
 Jabang, B. 2056, 3516
 Jackson, D. J. 2228
 Jackson, H. C. 275
 Jackson, J. M. 4324
 Jackson, T. F. H. G. 3097
 Jacob, C. N. 4357
 Jacob, C. O. 3539
 Jacob, L. S. 4655
 Jacobasch, G. 4680
 Jacobs, D. E. 2086
 Jacobs, F. J. 2600
 Jacobson, E. R. 3534
 Jacobson, K. C. 1781
 Jacobson, M. A. 86
 Jacobson, R. H. 130
 Jacobson, R. L. 1440, 4443
 Jacquemot, C. 1462-1463
 Jacquiet, P. 810, 1700
 Jacyna, M. R. 3919
 Jadavji, T. 4729
 Jaenicke, R. 4523
 Jaffe, C. L. 48, 4055, 4443
 Jager, H. J. C. 2140
 Jaheed, A. 723
 Jahn, C. L. 2271
 Jain, S. 2552, 4154
 Jakobsen, P. H. 266, 1111, 2691, 3525
 Jakubowski, W. 2462, 3205, 3229, 4242
 Jalan, K. N. 715, 3133
 Jambou, R. 4651
 Jambroes, G. 4805
 Jambulingam, P. 3202, 3348, 4107
 Jameel, N. 4749
 James, A. 4159
 James, A. A. 808, 1522
 James, M. A. 5002
 James, R. F. 1660
 James, S. L. 123
 James, W. D. 2883
 Jamieson, G. A. 285
 Jamjoom, G. A. 360
 Jampol, L. M. 1327
 Jamroz, D. 3275
 Jana, M. 2686
 Janardanan, K. P. 3482-3483
 Janeczko, R. 4088
 Jangoux, M. 4782
 Janicot, S. 828
 Janitschke, K. 24, 2193, 2619, 5130
 Jannin, J. 1173, 2531, 3993
 Janoff, E. N. 1944
 Janovitz, E. B. 3863
 Janovy, J., Jr. 2153, 4370, 4584
 Janse, C. J. 2165, 2267
 Jansen, A. M. 173
 Jansen, G. H. 2649
 Janssens, P. G. 4702, 5007
 Jansson, H. 3719
 Jansson, S. 4434
 Jantanavivat, C. 5045
 Janz, J. G. 791
 Janz, L. 1150
 Jaouzi, T. 1312
 Japanese Journal of Parasitology 2927, 4711
 Japanese Journal of Tropical Medicine and Hygiene 956, 1266
 Jaquemin, J. L. 4876
 Jaramillo, C. 2315
 Jaramillo S., C. 309
 Jardel, C. 2694
 Jardim, A. 1767
 Jardon, C. F. 1721
 Jareed, T. 3076
 Jariya, P. 31
 Jarolim, P. 3195
 Jarra, W. 4977
 Jarroll, E. L. 3589
 Jarry, D. 4804
 Jarvis, B. A. 4179
 Jasmer, D. P. 1077, 1996, 4267, 4545
 Jatene, A. 2860
 Jatar, P. R. 1616
 Jaubert, J. 2686
 Jaulmes, D. 2545
 Jauniaux, J. C. 3168
 Jaureguiberry, G. 2472
 Jautzke, G. 2620
 Jawdat, S. Z. 670, 695, 871
 Jaworska-Adamu, J. 3319
 Jayam-Trouth, A. 4795
 Jayarao, P. 2741
 Jayasimhulu, K. 1442
 Jayshree, R. S. 2690
 Jazfin, E. E. 143
 Jean, O. 1699
 Jeanes, C. W. L. 2828
 Jeanin, P. 489
 Jeannel, D. 2795
 Jeanneret, J. P. 1675
 Jeannin, M. 3752
 Jeannin, P. 491, 498-499, 794, 832, 834
 Jebakumar, K. 4916
 Jeerawathanapun, P. 1199
 Jefferies, D. 2269
 Jeffrey, A. 619
 Jeffrey, H. C. 3784
 Jegathesan, M. 835
 Jelenová, I. 2060
 Jeminet, G. 1244
 Jenkins, D. 2991
 Jenkins, M. C. 643, 1105
 Jenkins, T. M. 1846
 Jenni, L. 603, 767, 2323, 4460
 Jenni, R. 4720
 Jennings, F. W. 1203, 1206, 1239, 1429, 2224-2225, 2351, 2360, 2393, 2402, 4178, 5084
 Jennings, R. 4108
 Jensen, B. N. 3044
 Jensen, J. B. 2677, 3072, 3952, 4412
 Jensen, W. A. 5
 Jentzer, O. 3296
 Jeon, K. W. 4710
 Jepsen, S. 266, 1111, 2677, 2691, 3072, 3958, 4412
 Jeronimo, S. M. B. 2374
 Jess, W. 3619
 Jessup, J. G. 2637
 Jesus, A. R. de 194
 Jesús, J. M. de 1163
 Jesus, N. M. de 1318
 Jetha, N. 2651
 Jeurissen, S. H. M. 4868
 Ji, C. S. 2516
 Ji, H. 1086
 Jia, H. Z. 3646
 Jia, J. X. 1191
 Jian-Guo, C. 3969
 Jiang, G. F. 2863
 Jiang, J. S. 59, 539
 Jiang, M. Q. 1191
 Jiang, Z. H. 2699
 Jiao, X. Q. 2893
 Jibike, G. I. 1563, 4319
 Jiménez, B. M. 4936
 Jiménez, M. L. 433
 Jiménez-Ruiz, A. 2424, 3610
 Jin, Z. Q. 2205
 Jirillo, E. 1080
 Jittapalpong, S. 4755
 Joblin, K. N. 2071
 Joce, R. E. 17, 2786
 Joffe, A. 4729
 Joh, K. 1398, 1541
 Johal, J. 4798
 Johannessen, G. 1656
 Johannsen, F. H. 2436
 John, M. C. 3947
 John, T. 4763
 Johnsen, N. J. 2955
 Johnson, A. 4858
 Johnson, A. M. 1367, 2917, 2991, 3170, 4765, 4866, 4976, 4979
 Johnson, C. H. 528
 Johnson, C. M. 331
 Johnson, E. A. 3010
 Johnson, J. 4879
 Johnson, J. D. 93, 441, 473, 1044, 1097, 2543, 2635, 2936, 3101
 Johnson, J. K. 1584
 Johnson, L. 3438
 Johnson, L. L. 4004
 Johnson, L. W. 2370
 Johnson, M. A. 93
 Johnson, R. A. 1737
 Johnson, W. D., Jr. 194
 Joiner, K. A. 1484, 1890, 3642
 Jojic, N. 4176
 Jolly, J. G. 163, 3990
 Joly, F. 1677
 Jonckheere, J. F. de 4955-4956
 Jones, A. L. 3139
 Jones, B. V. 1800
 Jones, D. B. 5151
 Jones, D. W. 614
 Jones, F. 82
 Jones, G. 265
 Jones, G. L. 222, 622, 2212, 4578, 4992
 Jones, H. I. 2780
 Jones, J. 3347
 Jones, J. B. 4775
 Jones, J. E. 1230, 2114-2115, 2474-2475, 2498
 Jones, P. 2820
 Jones, R. 3242
 Jones, S. R. M. 414, 5024, 5142
 Jones, T. R. 426, 667, 1221, 1492, 2166, 3554, 4683
 Jones, T. W. 998, 1117, 3555
 Jong, J. T. 2140
 Jongejan, F. 1700
 Jongwutives, S. 3600
 Jorde, U. P. 3703
 Joseph, C. 2787
 Joseph, P. G. 40
 Josephson, G. K. A. 4753
 Joshi, H. C. 3125
 Joshua, H. 2821
 Joshua, R. A. 4642
 Josse, R. 1570
 Jost, R. 4720
 Jou, A. 4155
 Jouany, J. P. 2978, 3411, 5113-5114
 Jougla, J. 1954
 Jourdan, J. 4103
 Journal of Antimicrobial Chemotherapy 345
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 Joyce, W. A. 4419
 Joynson, D. H. M. 5008
 Juan Segura, J. 2254, 2419
 Juimo, A. G. 4719
 Juliano, C. 85, 1242
 Juliano, L. 4581
 Juriš, I. 205-206, 3531, 3561-3562, 4043-4045, 4491
 Julla, I. I. 507
 Julvez, J. 1503
 Junco, G. W. del 2638
 Jung, G. 249
 Jung, K. K. 2981
 Junge, E. 3755
 Junge, J. 3929
 Jungmann, R. 1106, 4385
 Juranek, D. D. 429, 431, 2547
 Juranukul, V. 2817-2818
 Jurásek, V. 3656
 Jurg, A. 3287
 Just, M. 4890
 Juste, C. 2943
 Juster, R. 771
 Juyal, P. D. 71, 2467, 3103, 3860, 3864
 Kaay, H. J. van der 2949
 Kabamba Tshikom 1505
 Kabaya, N. M. 2344
 Kabilan, L. 1067
 Kabore, I. 494
 Kachani, M. 1384
 Kachroo, P. L. 4223
 Kadende, P. 1554, 3756
 Kadim, L. S. 551, 555
 Kadir, F. 2421
 Kaetzl, C. 3763
 Kaewsonthi, S. 916, 2926
 Kager, P. A. 2949
 Kageruka, P. 662, 858
 Kahl, L. 233
 Kain, K. C. 268, 4079, 4447
 Kajikawa, H. 518
 Kaken Pharmaceutical Company Limited 902
 Kakiese, O. 2057
 Kakoma, I. 2469, 3754
 Kaleebu, P. 1044
 Kalejaiye, J. O. 514
 Kaleli, N. 14, 1275

- Kali, U. 3740
 Kalil, J. 131, 1786
 Kalisch, M. L. 4897
 Kalish, M. L. 1764
 Kalk, K. H. 2755
 Kallel, R. 4905
 Kallinikova, V. D. 4270
 Kalra, A. 119, 1788
 Kalra, N. L. 604, 1246, 4396
 Kaltreider, H. B. 2183
 Kalu, A. U. 3194
 Kam, L. K. 3392
 Kamamfu, G. 1554
 Kamber, M. 4837
 Kamberoglou, D. 977
 Kambeva, L. 690
 Kamel, Y. Y. 1717
 Kamholz, S. L. 428
 Kamil, M. 4226
 Kamimura, K. 3765
 Kaminsky, R. 880-881, 1240, 1551, 2455
 Kamio, T. 1519, 2673, 3135, 3221, 4505
 Kamis, A. B. 666, 1112
 Kamiya, H. 1278, 5012
 Kamiyama, T. 1497
 Kammen, M. van 904
 Kamp, J. A. F. Op den 298, 4098, 4572
 Kämpfer, U. 2252, 4927
 Kamsteeg, H. 5039
 Kamtande, K. 2356
 Kan, S. P. 1495, 5034
 Kanaani, J. 4060
 Kanani, A. 1729
 Kanbara, H. 652, 920, 1486, 3493, 3600, 4000
 Kanbe, K. 3068
 Kanda, M. 3193
 Kanda, T. 311
 Kandala, J. C. 4969
 Kandaya, E. 2518
 Kandiah, A. 4604
 Kandolf, R. 271
 Kane, A. V. 1620, 3328
 Kane, M. 4173
 Kaneda, Y. 805, 1587, 1883
 Kaneko, M. 2639
 Kaneno, R. 2680
 Kaneshiro, E. S. 1442
 Kanhai, G. K. 685
 Kano, S. 639, 3099
 Kansime, F. K. 2451
 Kanwar, J. R. 2199
 Kanyangala, P. 4458
 Kanyangala, S. 2080, 2302, 5006
 Kanyari, P. W. N. 4317, 4471
 Kao, T. C. 658
 Kaona, F. A. D. 3645
 Kapaata, R. 1609
 Kapel, N. 1168, 1796
 Kapidzic, M. 3834
 Kapil, A. 2221
 Kaplanov, V. D. 2377
 Kaplanski, G. 2522
 Kaplanski, S. 132, 2522
 Kapler, G. M. 4972
 Kapoor, M. 3230
 Kapoor, N. K. 1133
 Kappmeyer, L. S. 169
 Kapur, H. 4865
 Karabiber, N. 3792
 Karak, P. K. 2541
 Karami, M. 2502
 Karan, G. C. 2042
 Karanja, W. M. 2403
 Karanjai, A. 2017
 Karasev, A. B. 1509
 Karbwang, J. 372, 2425, 2871, 3300, 4168
 Karcz, S. 351
 Kardami, E. 3577
 Kardono, L. B. S. 4190
 Karim, E. 330
 Karim, E. I. A. 4643
 Karim, J. 279
 Karim, M. J. 3406
 Kariuki, D. 3284, 4163
 Kariuki, D. P. 504, 679, 681, 683, 836, 4019, 4027, 4687
 Karkhanis, Y. D. 1145
 Karle, I. L. 3294
 Karle, J. M. 3294
 Karlsen, J. 2429
 Karp, C. L. 620
 Karsten, V. 4756
 Karter, A. J. 3635
 Karumba, P. N. 14, 1275
 Karunaratna, N. 1247
 Karunaweera, N. D. 2682, 4497
 Kasantikul, V. 4473
 Kasap, H. 826
 Kasap, M. 826
 Kaseda, Y. 3102
 Kaslow, D. C. 1814, 2764, 3587, 4951
 Kaslow, R. 1328
 Kasper, L. H. 1816, 4010
 Kasprzak, W. 4484, 4981
 Kassai, T. 451, 3774
 Kassem, M. I. 4265
 Kassim, A. 686
 Kassisi, I. 2944
 Kassner, M. 576
 Kates, D. M. 2651
 Katholm, M. 2955
 Katiyar, J. C. 1686, 1933, 2852, 3114, 4736
 Katiyar, S. K. 3293
 Katlama, C. 359
 Kato, A. 1082
 Kato, H. 472
 Katsumata, T. 3682
 Katsuragawa, T. H. 1526
 Kattenbach, W. M. 1056
 Katz, B. Z. 2849
 Katz, L. 896
 Katz, M. 2944
 Katzin, A. M. 1380
 Kaufmann, J. 4786
 Kaufmann, M. H. 640
 Kaukas, A. 2284
 Kaul, D. F. 2740
 Kaur, M. 2707
 Kaur, P. 3967
 Kaur, S. 1226
 Kaur, U. 166
 Kaushik, R. S. 3115, 4470
 Kavishe, T. S. 869
 Kawabata, M. 301, 1894, 4607
 Kawaguchi, H. 1066, 4563
 Kawakami, Y. 1873
 Kawamoto, F. 3765, 4682, 4986, 5140
 Kawamoto, S. 4580
 Kawamura, S. 3353, 3356
 Kawarabayashi, M. 2128
 Kawazoe, U. 60, 1470, 3710, 4404
 Kawazu, S. 2673, 3135, 4505
 Kawazu, S. I. 3221
 Kawo, N. G. 2408
 Kay, B. 4603
 Kaya, O. 4747
 Kaye, B. 157
 Kaye, P. M. 636
 Kayembe, N. 2838
 Kazadi, L. 2335
 Kebela-Ilunga 465
 Keegan, F. P. 230
 Keenan, T. W. 4058
 Keighley, M. R. B. 2890
 Keisu, M. 3737
 Keita, A. 2837
 Keita, N. M. 1291
 Kelemogile, K. M. 1007
 Kelkar, R. S. 3781
 Kelkar, S. S. 3781
 Keller, K. 191
 Keller, P. 1437
 Kellerman, T. S. 3320
 Kelly, D. F. 1305
 Kelly, E. A. B. 170
 Kelly, P. J. 3877
 Kelsall, B. L. 2374
 Kemenes, F. 3568
 Kemp, D. J. 274, 674, 1465, 1756, 1792
 Kemp, M. 3518
 Kemp, R. 2627
 Kempf, J. 1658, 4216
 Kempin, S. 2644
 Kempis, J. von 4170
 Kendall, G. 1460, 2269
 Kendrick, A. S. 2527
 Kendrick, M. Killick- 313
 Kendrick, R. Killick- 313
 Kennedy, C. A. 3933
 Kennedy, M. J. 4274, 4277
 Kennedy, P. G. E. 4178
 Kent, M. L. 2598
 Kenya, P. R. 4106
 Kenyon, S. 1006
 Kepr, T. 2098, 3058
 Kere, N. 2430
 Kereu, R. K. 2864
 Kern, P. 1935
 Kern, W. 895, 3309
 Kerndt, P. R. 3808
 Kerner, N. 1074
 Kerr, E. A. 1975, 4647
 Kesa, L. 1730
 Ketaren, K. 997
 Ketcham, C. M. 4931
 Ketel, R. J. van 2854
 Ketrangsee, S. 4450
 Keulen, H. van 4975
 Keundjian, A. 1624
 Keusch, G. T. 1620, 3328
 Keuter, M. 5039
 Keymer, A. E. 4831
 Keystone, J. 268, 4721
 Keystone, J. S. 1926, 2030, 4079
 Khaldi, F. 2556
 Khalil, M. 2933
 Khalumi, G. 5039
 Khan, A. H. 28, 1083
 Khan, I. A. 1816, 4010
 Khan, M. A. 1407, 4724
 Khan, M. M. A. 1672
 Khan, M. Q. 3878
 Khan, M. S. I. 3772
 Khan, R. A. 1828, 2599, 4615
 Khan, Z. M. 190
 Khanmirzoev, F. I. 1900, 2465
 Khanna, R. 621, 4853, 4894
 Kharazmi, A. 4413
 Khare, S. 2299
 Kharole, M. U. 3124
 Khasar, S. 703
 Khder, I. A. 1107
 Kher, V. 3928
 Khiami, A. 3393, 3425
 Khiani, S. 3815
 Khider, S. 1595
 Khidir, S. 36
 Khin Maung U 4724
 Kholodovskaya, E. V. 2027
 Khuller, G. K. 4524
 Khuller, M. 4894
 Khusmith, S. 4450
 Kiarie, R. 1275
 Kibenge, F. S. B. 1147
 Kibwage, I. O. 894
 Kichou, F. 1312
 Kiderlen, A. F. 642
 Kido, N. 4986
 Kidson, C. 265
 Kiefer, D. J. 2194
 Kiefer, M. C. 2764
 Kieft, R. 749
 Kiely, D. 2786
 Kien, T. 3528
 Kiepiela, P. 1778
 Kier, A. B. 3423
 Kierszenbaum, F. 117, 698, 2219, 4475, 4519, 5096
 Kietzmann, G. E., Jr. 1621
 Kihamia, C. M. 333, 1598
 Kijlstra, A. 4109
 Kikuchi, T. 3657, 3662
 Kilani, M. 2348
 Kilbey, B. J. 4090
 Kilejian, A. 1859, 4966
 Killick-Kendrick, M. 313, 1157, 1345, 5000
 Killick-Kendrick, R. 313, 1157, 1345, 5000
 Kilvington, S. 4676
 Kim, C. T. 3956
 Kim, C. W. 486
 Kim, D. J. 3637, 4096
 Kim, J. O. 3677
 Kim, J. S. 4308
 Kim, K. 1868
 Kim, T. U. 420
 Kim, W. K. 4096
 Kim, W. S. 4096
 Kimata, I. 357, 3098
 Kimotho, P. 856
 Kimura, E. S. 1380
 Kinabo, L. D. B. 2405
 Kinahan, J. 4079
 Kincaid, M. C. 96
 Kindler, A. 1675
 King, C. A. 3143
 King, C. H. 949
 King, K. G. 396
 King, R. 5057
 Kinghorn, A. D. 4190
 Kingman, S. 3671
 Kingsolver, J. 4113
 Kingston, N. 2151
 Kingston, T. G. 4028
 Kingway, M. P. 2838
 Kinjo, H. 1708
 Kinnaird, J. 3761
 Kinoti, S. N. 14, 1275, 2909
 Kipfer, H. 2982
 Kipnis, T. L. 3963
 Kircher, I. M. 3015
 Kirchhoff, L. V. 2119, 3808
 Kireenka, K. M. 3008
 Kireenko, K. M. 3008
 Kirigi, G. 3809
 Kirioka, H. 3884
 Kirkbride, C. A. 1091
 Kirkness, C. M. 3373
 Kirkpatrick, C. E. 3418-3419, 4819
 Kironde, F. A. S. 641, 675
 Kirsch, C. M. 5
 Kirubakaran, C. 4916
 Kirumira, E. K. 1609
 Kiryon, C. 2862
 Kishima, M. 3135
 Kishore, P. 4944, 5108
 Kitagawa, T. 4000
 Kitano, Y. 1299
 Kitosi, K. 2356
 Kitrossky, N. 4984
 Kitteringham, N. R. 366, 2878, 4231
 Kivumbi, K. 914
 Kivuyo, M. D. P. 915
 Kiyomatsu, K. 2078
 Kjellberg, F. 4824
 Klapholz, A. 3477
 Klatt, E. C. 2874
 Klatte, D. 1383
 Klaus, S. 1370
 Klaus, S. N. 2528
 Klauss, V. 1276
 Klaustermeyer, W. B. 375
 Klayman, D. L. 1934
 Klee, E. B. 2228
 Klei, T. R. 219, 535, 1389, 2732
 Klein, E. B. 584
 Klein, N. W. 4474
 Klein, R. A. 3578
 Klein, R. E. 3672, 4236
 Klein, R. S. 1921, 5065
 Klein, T. A. 1514, 1525-1526
 Kleinman, H. K. 3642
 Kleuskens, J. 3551
 Kliment, V. 2039
 Klobutcher, L. A. 2271
 Kloppenburg, P. B. 4189
 Klotz, F. W. 3638
 Kluge, P. 115
 Knappe, F. 3492
 Knapen, F. van 1396, 2670, 3413, 4981
 Knapp, B. 1468, 3552
 Knapp, C. C. 1394
 Knauer, C. M. 5
 Knell, A. J. 2497
 Knight-Jones, E. W. 594
 Knols, B. G. J. 1268

- Knowles, D. P., Jr. 169, 627
 Knowles, G. 2392
 Kobayashi, A. 1541, 3066
 Kobayashi, S. 764, 1883
 Kobayashi, T. 2072, 2979, 3400
 Kobayashi, Y. 2980
 Kocan, K. M. 1399
 Koch, G. 4437
 Koch, H. T. 690, 2065
 Kochan, J. 1818
 Kochar, D. 3230
 Kocięcka, W. 2002
 Köck, J. 2757, 3619, 3628
 Kodjoh, N. 1681, 3827, 4039
 Koech, D. 4858
 Koech, D. K. 406, 1625, 3284, 4163, 4413
 Koella, J. C. 4611
 Koeman, J. H. 904
 Koeneman, T. M. 1722
 Koenig, G. 2911
 Koga, H. 3682
 Kogut, M. H. 2220, 3982
 Köhler, P. 2289
 Kohn, S. 3682
 Koita, O. 1290, 1511
 Kojima, Y. 722
 Kok, J. J. 1470
 Kokolo, J. 2913, 3840
 Köksal, İ. 2506
 Kol'chevskaya, E. N. 3023
 Kolesnikov, A. A. 2150, 3629
 Kollaritsch, H. 276, 843
 Koller, B. H. 2708
 Kollias, G. V. 3534
 Kollmann, D. 1383
 Kollmann, M. 1276
 Kolmannskog, S. 4434
 Kolomiets, N. D. 4040
 Koloszek, Z. 3275
 Komatsu, T. 699
 Komba, E. 4872
 Kombila, M. 2542, 3267, 3382, 3391, 3835
 Kombila, P. 3757
 Kominos, D. 3153
 Komori, T. 3715-3716
 Konan, J. B. 3047
 Kondrashin, A. V. 604, 4396
 Kone, M. 3830
 Kong, D. F. 3701
 Kong, X. P. 3152
 Kongcharoen, S. 4473
 Kongshavn, P. A. L. 1362
 Konian, K. 853
 Koniaris, A. H. 2672
 König, P. 3308
 Konin, N. 495
 Konings, R. N. H. 2765
 Konishi, E. 4847
 Konishi, T. 4563
 Konn, M. 3343
 Kontos, V. 1018, 1306
 Konvit, I. 4296
 Koot, M. J. 2233
 Kooy, R. F. 2268, 3372
 Kopachik, W. J. 736
 Kopačka, M. 1297
 Koplan, J. P. 2819
 Koppe, J. G. 4295
 Köppen, S. 2620
 Kora, S. 2056, 2565
 Korean Journal of Parasitology 3775, 4285
 Koren, G. 1983
 Korepanov, V. I. 4639
 Kori, S. S. 1051
 Korman, S. H. 4835
 Korn, E. D. 734, 1140, 3142, 4921
 Komblatt, M. J. 2262
 Körner, K. K. 25
 Kornfeld, S. 4931
 Komkven, E. A. 3654
 Koros, J. K. 1905
 Körting, W. 1751, 5143
 Kosasih Padmawinata 4190
 Koser, M. W. 1327
 Koski, G. 227
 Koslowsky, D. J. 3620
 Kotani, S. 1082, 2671
 Kotecka, B. 5121
 Kotler, D. 4796
 Kotler, D. P. 5038
 Kotloff, K. 2643
 Kotula, A. W. 3180
 Kouamouo, J. 3281-3282
 Kouchi, Y. 1225
 Koudela, B. 205, 4048, 4761
 Kouka-Bemba, D. 2395, 4651
 Koumakpai, S. 3813-3814
 Kounda Gboubi, J. C. 5018
 Kourilsky, P. 1794
 Kourouma, B. 494
 Koutinas, A. 1018, 1306
 Kouznetsov, R. L. 5075
 Kovacs, J. 1932
 Kovacs, J. A. 934, 1251
 Kovaleva, A. A. 3061
 Kowalewski, R. 967
 Kowinwiphat, W. 1547
 Koyama, T. 3004
 Kozak, A. 422
 Kozakiewicz, B. 2088
 Kozarsky, P. E. 2929
 Koziel, H. 3961
 Kozłowska, A. 1182, 1611, 2457
 Kozłowski, K. 115
 Kozyreva, N. P. 2378, 4633
 Krachaiklin, S. 4785
 Kradel, D. C. 3438
 Krahenbuhl, J. L. 1068
 Kraikov, J. L. 641
 Krajden, S. 2030
 Kramer, J. W. 512
 Kramer, R. 3187
 Kramer, T. 3396
 Krassner, S. M. 3352
 Kratzer, R. D. 2403, 2453
 Krecek, R. C. 2975
 Krech, T. 32
 Kreinik, G. 3699
 Kremsner, P. G. 149, 3695, 4401, 4593
 Krenning, E. P. 706
 Krettli, A. U. 611, 1158, 2764, 4888
 Kretzschmar, M. 4574
 Kreutzer, R. D. 301
 Krieger, H. 3197, 4445
 Krieger, J. N. 11, 1464, 2463, 3749
 Krieger, M. A. 4445
 Krigel, Y. 2217
 Krishna, S. 1423
 Krishna, T. S. R. 3152
 Kristensen, A. 313
 Kristensson, K. 116, 637
 Kritsepi-Konstantinou, M. 4746
 Kritz, A. 2644
 Kroon, N. C. M. 3603
 Kropf, P. 3505
 Kropp, H. 4636
 Krotoski, W. A. 283, 783
 Kruger, J. 105
 Krugliak, M. 379
 Krungkrai, J. 2825, 3136
 Krungkrai, S. R. 2825
 Krup, M. 2670
 Kruse, P. 5143
 Kruska, R. 2611
 Krylov, V. F. 1559
 Krylova, S. V. 70, 1346, 1754
 Krzych, U. 3076, 4029
 Kubena, L. F. 4232
 Kucera, F. P. 2613
 Kučera, J. 3687, 5123
 Kuczyńska, E. 2594
 Kudi, A. C. 1701
 Kudo 902
 Kudo, H. 3408
 Kudweis, M. 205-206, 3531, 3561-3562, 4043-4045, 4491
 Kuhls, T. L. 4419
 Kuhn, R. 4756
 Kuhn, R. E. 128, 1781, 2222, 3116, 5126
 Kuiper, E. J. 3459
 Kuile, B. H. ter 4093
 Kuile, F. ter 372, 3307
 Kuiper, H. A. 904-905
 Kuipers, J. 1268
 Kuitert, L. M. 4794
 Kukoschke, K. G. 432, 4452
 Kulane, A. A. 1218
 Kulasiri, C. de S. 29
 Kulesza-Lipka, D. 734, 3142
 Kulikovskaya, I. M. 4633
 Kulkarni, R. D. 3404
 Kulkarni, S. M. 2320
 Kuller, L. 4735
 Kuloharju, V. 2971
 Kulpati, D. D. S. 2707
 Kum Kum 621, 4853, 4894
 Kumar, A. 641, 675, 1369, 3707, 3739, 3967, 4017, 4383, 4999
 Kumar, K. 968
 Kumar, M. 1566, 2851, 3125, 5040
 Kumar, N. 227, 2213, 4149
 Kumar, P. 1083
 Kumar, R. 2803
 Kumar, S. 1155
 Kumar, V. 2541
 Kumaratilake, L. M. 2426, 3973
 Kumaresan, P. R. 3650
 Kumari, S. 3524
 Kumlien, S. 909, 1210, 1212, 1971, 3325
 Kumpula, K. 2971
 Kunda, E. 2080, 2302, 4458, 5006
 Kundu, B. 3114
 Kunita, T. 722
 Kunugiyama, I. 3126
 Künz, A. 3308
 Kunz, R. 3757
 Kunz-Jenkins, C. 2767, 3097
 Kuo, C. H. 4293
 Küpper, H. A. 3552
 Kurihara, T. 3657, 3662
 Kurita, M. 472
 Kuriyan, J. 3152-3153
 Kırkçioğlu, N. 4167
 Kurochkin, E. N. 1557
 Kurohara, M. L. 375
 Kuroki, T. 2996
 Kurosaki, T. 4860
 Kurosawa, T. 4580
 Kurrie, E. 3309
 Kurtoeva, L. B. 1696
 Kurtzhals, J. A. L. 4413
 Kusakabe, Y. 902
 Kusnierz, J. P. 2297
 Kusumoto, S. 1082
 Kučić, V. 3184
 Kvalsvig, J. D. 4478
 Kvasnicka, W. G. 168
 Kwajok, V. L. 507
 Kwakye-Berko, F. 4923
 Kwen, A. 681
 Kwen, A. M. 4559
 Kwiatkowski, D. 2682, 3544, 3746, 4009, 4038, 4886
 Kwong, F. K. 375
 Kyewalabye, E. K. 3201
 Kyle, D. E. 882
 Kymar, S. 1083
 La Rosa, C. 4845
 La Tassa, E. 4432
 Laal, S. 141
 Laban, A. 4078
 Labatiuk, C. W. 4243, 4760, 5119
 Labongo, V. L. 1633, 4994
 Labrousse, F. 928
 Lacey, C. J. N. 4389
 Lachaal, M. 4659
 Lachman, M. F. 1251
 Lacoste, J. Y. 2632
 Lacroix, C. 4876
 Laczay, P. 388-389, 3317
 Lafaille, J. J. 4445
 Lafaille, M. A. C. de 4078
 Lafeuillade, A. 3926, 5062
 Lafon, S. 1932, 3069, 4074
 Lagardère, B. 3705
 L'age, M. 90, 576, 1193
 Lage, M. J. F. 4002
 Lager, D. J. 4681
 Lagog, M. 2540
 Lagoutte, F. 5137
 Lagrange, P. H. 2629, 4481
 Laguens, R. P. 2720
 Laha, R. 1125, 3272
 Lahm, H. W. 261
 Lahunta, A. de 2656
 Lai, K. S. 1041
 Lainson, R. 822, 825, 1092, 1292, 1393, 1882, 2031, 3009, 3390, 4373
 Laizure, S. C. 1931
 Lakhanpal, S. 2538
 Lakhdar-Ghazal, F. 3725
 Lakshmy, A. 4865
 Lal, A. A. 183, 1863, 1871, 2765, 4091
 Lal, C. S. 3513
 Lal, S. 4861
 Lal, S. L. 3513
 Lam, T. J. 4129
 Lam, W. K. 3046
 Lambert, P. H. 1089, 2173, 4024
 Lambert, R. E. 94
 Lamberts, S. W. J. 706
 Lambertus, M. W. 5061
 Lambooy, P. K. 1140
 Lambros, C. 835, 1079, 2705
 Lamizana, L. 909, 1100, 1210, 1212, 1971, 3325, 4183, 4845
 Lammel, E. 945
 Lammel, E. M. 4245
 Lamoureux, D. 1877
 Lampard, D. 681, 683, 4019, 4027
 Lana, M. 4415
 Lanar, D. E. 268, 4079, 4447
 Lancaster, D. 1932
 Lancaster, D. J. 1931
 Lancaster, M. J. 1991
 Lancet 3566, 3690, 4030
 Łañcut, M. 3319
 Land, M. 1932
 Landa, I. 3409
 Landas, S. K. 4681
 Landau, I. 312, 1556, 1936, 2533, 2654, 2663, 4382
 Lander, K. 5032
 Landers, S. C. 109
 Landfear, S. M. 4066
 Landi, B. 4165
 Landman, R. 2427
 Landor, M. 3699
 Landsberg, J. H. 103, 2095
 Landsberger, F. R. 214
 Lane, H. C. 1542, 1932
 Lane, R. P. 3572
 Lanfranchi, P. 1003
 Lang, B. 2618
 Lang, J. M. 325, 3528, 4160
 Lang, T. 636, 3572
 Lang, W. 2380
 Lang-Unnasch, N. 1851
 Langdon, J. S. 1316-1317
 Lange, A. L. 1042
 Lange, C. E. 3446, 3489, 3500
 Lange, J. M. A. 4625
 Lange, M. 584
 Langer, P. J. 254, 1481, 4084
 Langermans, J. A. M. 2697
 Langford, C. J. 674
 Langford, C. K. 4066
 Langhome, J. 4427
 Langlinais, P. C. 714
 Langsley, G. 1468-1469, 1842, 3169, 4056
 Lanham, S. M. 2284, 4092
 Lanners, H. N. 1235, 4239
 Lanotte, G. 1879
 Lanzer, M. 3622
 Lappin, M. R. 54, 95, 1397, 3534, 3537, 3874, 4441
 Lapras, J. 2401
 Larbi, E. B. 4154
 Larde, M. L. 2355
 Lares V., F. 3806
 LaRivière, M. 4166
 Larkin, D. F. P. 2608, 2693
 Larkin, G. L. 1907
 Laroche, R. 3527, 3706, 3777, 5097

- Larpin, R. 3922
 Larrieu, E. 1188
 Larripa, I. B. 3301
 Larsen, J. 4377
 Larsen, N. C. 3109
 Larson, S. M. 2622
 Larsson, Å. 3955
 Larsson, J. I. R. 445, 557, 2156, 2658, 3064, 4375, 4388
 Larsson, P. A. 4303
 Laskay, T. 1862, 5021
 Lassalas, B. 5114
 Lastra, C. C. López 68
 Latif, B. M. A. 515, 1107, 4334
 Latimer, K. S. 3015
 Latour, A. 2708
 Lau, H. D. 4290
 Lau, R. K. W. 3849
 Laudanna, A. A. 203
 Lauer, E. 4366
 Laughinghouse, A. 4888
 Laugier, M. 3998
 L'Aulnoit, D. H. de 3999
 Laurenson, I. 5063
 Laurenti, M. D. 4906
 Laurentie, M. P. 2407
 Lauricella, M. 171
 Lauricella, M. A. 2306, 3415
 Laurinavičiūtė, V. 520
 Laus, J. L. 2722
 Law, C. G. 411
 Law, C. L. H. 3376
 Lawani, F. A. G. 4912
 Lawee, D. 1927
 Lawrence, F. 2870, 2876
 Lawrence, J. A. 1537-1538, 4618
 Lawson, D. 595, 3062
 Lawson, G. 4717
 Lawson, L. 326
 Lawton, P. 1143
 Lawyer, P. G. 1625
 Laywer, P. 437
 Lazar, A. P. 2034
 Lazar, P. 2034
 Lazzarin, A. 3270, 5003, 5057
 Le, T. 3352
 Le Blancq, S. M. 4835
 Le Bot, Y. 3838
 Le Bras, J. 363, 861, 897, 1219-1220, 1236, 2381, 2827, 3288, 3720, 4182, 4652
 Le Bras, M. 1565, 4220, 4730
 Le Breton, S. 3953
 Le Cacheux, P. 2044
 Le Fichoux, Y. 3468, 3471
 Le Gall, R. 3838
 Le Goff, G. 4114, 4602
 Le Pennec, M. P. 3758
 Le Ray, D. 662, 3178
 Le Tchi Tchu 2962
 Lê Thi Huong Du 4222
 Lê Tkhi Tkhu 2962
 Leach, R. M. 3784
 Leadbetter, M. G. 4665
 Leak, S. 499, 834
 Leak, S. G. A. 803, 2058-2059, 2208
 Leal-Garza, C. H. 2423
 Leaver, R. J. 2001
 Lebbad, M. 1153
 Lebedeva, M. N. 2378, 4633
 Lebherz, T. B. 375
 Leblond, G. Madulo- 313
 Lebonvallet, S. 2696
 Lebovich, B. 409
 LeBowitz, J. H. 1874, 3614
 Lebzien, P. 3866
 Lecolier, B. 3999
 Lecomte, V. 4047
 Lederkremer, R. M. de 2747, 4051
 Lederman, H. M. 4361
 Ledesma, O. S. 3301
 Lee, A. H. 396
 Lee, B. D. 2981
 Lee, B. L. 336
 Lee, C. C. 2062, 4330
 Lee, C. M. 4547
 Lee, C. S. 2746, 4512
 Lee, D. R. 2050
 Lee, F. J. S. 4547
 Lee, I. S. 381
 Lee, K. R. 4436
 Lee, K. W. 3647
 Lee, M. 804, 835, 2705, 3108
 Lee, M. G. S. 2273, 4087
 Lee, M. K. 2519
 Lee, P. 3352
 Lee, S. 3607
 Lee, S. H. 290, 4308
 Lee, S. K. 2981
 Lee, S. T. 4967
 Lee, S. Y. 4967
 Lee, Y. C. 2824
 Lee, Y. P. 2588, 4454
 Lee-Ng, C. T. 4839
 Leech, J. 4101, 4534
 Leech, J. H. 2188, 3626
 Leedom, J. 3263
 Leegwater, P. A. J. 2268
 Leclayooova, S. 3591
 Lees, G. E. 54
 Leeuwenberg, A. J. M. 457
 Lefcort, H. 2298
 Leffers, N. P. 4197
 Lege-Oguntoye, L. 343, 1568
 Léger, N. 313, 1157
 Legroux, J. P. 3458
 Lehane, M. J. 1904
 Lehel, J. 388-389, 3317
 Lehker, M. W. 778
 Lei, C. Q. 982
 Leib, M. S. 873, 3875
 Leibholz, J. 1694, 3868
 Leibold, W. 147
 Leiburg, M. J. van 2488
 Leichsenring, M. 2371
 Leighton, B. J. 1425
 Leighty, J. C. 483
 Leippe, M. 3151
 Leisewitz, A. 1840
 Leitch, B. L. 679, 683, 4019
 Leitch, G. J. 3519
 Lejeune, A. 3183
 Lejoly, J. 1602
 Lemesre, J. L. 1093
 Lemnge, M. M. M. 3686
 Lena, J. L. 4364
 Lenhardt, L. 4044-4045, 4491
 Lennox, R. W. 1036
 Lennox-Smith, I. 345
 Lensen, A. H. W. 806
 Lenti, L. 4359, 4841
 Leo, P. de 4143
 Leon, L. 173
 Leon, P. P. de 3807
 Leonard, J. 1262, 1635
 Léonard, P. 1311
 Leoni, F. 4015
 Leoni, G. C. 2615
 Leoung, G. 86
 Leoung, G. S. 3259
 Lepage, P. 15
 Lepage, P. 2307, 2358
 Lepers, C. 1510
 Lepers, J. P. 300, 789, 1067, 1289, 1510, 1571-1572, 1774, 2663, 2790-2792, 2866, 3258, 3955
 L'Éplattenier, R. 801
 Lepori, C. 1949, 3263, 4217, 4803
 Leriche, M. A. 1487
 Lerner, E. 419
 Leroux, B. 1953
 Leroux, S. 1677
 Leroy, J. P. 2360
 Leroy, P. L. 828
 Lertlaituan, P. 31
 Lesan, A. C. 683, 4019, 4026-4027
 Leser, P. G. 4442
 Lesho, E. P. 3802
 Lessard, P. 801, 842
 Lester, D. S. 4055
 Lester, M. L. 4721
 Lester, R. J. G. 549, 558
 Lester, R. L. 1442
 Lettau, L. 4614
 Lettau, L. A. 4352
 Leung, L. L. K. 4102
 Leuven, F. van 4002
 Levasseur, G. 2571
 Lévêque, C. 908
 Levin, M. J. 1070, 1074, 3069, 4073-4074, 4549
 Levin, S. 4208
 Levine, G. I. 2131, 2328
 Levine, J. F. 3441
 Levine, M. 1773
 Levine, M. M. 616, 2775
 Levine, N. 5048
 Levine, N. D. 3779
 Levine, S. J. 1542
 Levitus, G. 1070, 4549
 Levrat, P. 5147
 Levrè, E. 1171
 Levy, A. M. A. 3338
 Levy, J. 15, 1199
 Levy, J. A. 574
 Levy, M. 1983
 Levy, M. G. 2084, 3522
 Lévy, O. 1602
 Lewis, D. E. 3921
 Lewis, D. J. 1605
 Lewis, G. E., Jr. 835, 1079, 2518, 2705, 2800
 Lewis, L. C. 4784
 Lewis, L. L. 3001
 Lewis, R. 2308
 Ley, V. 1776
 Lezama-Davila, C. M. 1784
 Li, C. M. 1250
 Li, C. T. 1190
 Li, D. F. 5118
 Li, E. 1852, 1872, 2767, 3097
 Li, G. F. 2893
 Li, H. P. 2205
 Li, J. B. 1191
 Li, J. L. 1101, 3995
 Li, L. 3957
 Li, Q. Z. 3429
 Li, W. L. 133, 239
 Li, X. H. 4116
 Li, X. L. 2512
 Li, X. R. 3597
 Li, Y. 849, 981, 1406
 Li, Y. G. 1224
 Li, Y. J. 1101
 Li, Y. L. 1282
 Lian, D. R. 2508
 Lian, X. H. 197
 Liang, J. X. 859
 Liao, G. H. 5118
 Liao, Y. Z. 2510
 Liaud, M. F. 251
 Libanore, M. 2942, 3049, 3566
 Libow, L. F. 2554
 Lichtenberg, F. von 1269
 Licois, D. 57, 1024
 Liegeard, P. 1074, 1790
 Lien, J. C. 317
 Liesegang, T. J. 3377
 Lietava, P. 1724
 Liew, C. T. 2593, 2664, 3349
 Liew, F. Y. 845, 849, 1388, 1406, 4015
 Lifshitz, F. 599
 Ligeon, P. 3994
 Liggitt, H. D. 863
 Lighthart, G. S. 437
 Lillehoj, H. S. 1390, 2714
 Liltved, H. 2448
 Lim, K. C. 530
 Lima, A. de O. 4403
 Lima, C. 4051
 Lima, J. B. P. 1525-1526
 Lima, J. D. 50
 Lima, M. F. 4854
 Lima, M. R. D. 3963
 Lima, S. L. 1502
 Limpai boon, T. 274
 Limpai boon, T. D. 1853
 Limper, L. 4981
 Lin, A. J. 1934
 Lin, H. H. 4293
 Lin, J. 4763
 Lin, J. F. 3865
 Lin, J. H. 2194
 Lin, J. Y. 4422
 Lin, L. X. M. 1101
 Lin, P. S. 4837
 Lin, Q. W. 1052, 3499
 Lin, T. M. 2194
 Lin, T. S. 380
 Lin, W. T. 1181
 Lin, X. B. 3289
 Lin, Y. M. 2595-2596
 Lin, Y. Y. 42
 Lina Deodhar 3374
 Linares, E. 1576
 Lindberg, J. E. 519
 Lindberg, L. A. 1743, 2804
 Linden, L. 2836
 Lindenmayer, J. M. 2989
 Linder, A. 1000
 Linder, E. 2674, 2804
 Lindl, P. A. 4441
 Lindqvist, K. J. 2195
 Lindsay, D. S. 521, 524, 540, 865, 1309, 1432, 1704, 1979, 2485, 2666, 3180, 4315, 4698, 4826
 Lindsay, S. W. 2559, 5025
 Lines, J. D. 912, 914-915
 Ling, I. T. 235
 Ling, K. H. 4129
 Lingelbach, K. 1849
 Link, H. T. 3076
 Linke, M. J. 2679
 Linyonyi, A. 679, 683, 4019, 4027
 Liotet, S. 4438
 Liou, M. Y. 1048
 Lipscomb, T. P. 3871
 Lis, H. 1777
 Lisandro, U. 3412
 Lischner, H. W. 4798
 Listhaus, A. 2230
 Litjens, J. B. 455
 Litsios, S. 3239
 Little, D. A. 2307, 2565
 Little, M. D. 4252
 Littlewood, D. T. J. 175
 Litvak, S. 1448
 Liu, E. X. 265, 1148
 Liu, G. H. 3646
 Liu, G. Y. 3700
 Liu, H. H. 1052
 Liu, H. J. 1224
 Liu, H. K. 1191
 Liu, J. 2766
 Liu, J. D. 470
 Liu, M. M. 3499
 Liu, P. X. 1224
 Liu, Q. Y. 1190
 Liu, S. C. 3195, 4582
 Liu, S. Y. 2447, 4164
 Liu, T. P. 4037
 Liu, X. 4958
 Liu, X. J. 2560
 Liu, Z. X. 1958
 Liu Shao Yu 4164
 Livaditis, A. 4191
 Liveanu, V. 1855
 Livengood, C. H., III 4187
 Lizardi, P. M. 3606, 4945
 Ljungström, I. 2947
 Llanes, H. 4331
 Llanos-Cuentas, A. 5058
 Llompert, A. 3810
 Llop R., E. 3966
 Llopert, L. 2943
 Lloyd, D. 2459
 LLoyd, D. 3139
 Lluberat, M. 2799
 Lo, C. 1041
 Lo Campo, P. 845
 Lobel, H. O. 2929, 4123
 Lockfeer, J. H. M. 1186
 Locker, G. 850
 Lockman, Y. 4621
 Locksley, R. M. 136, 3077
 Lockwood, B. C. 926
 Lockwood, D. N. J. 13
 Lodo, S. 1016, 1159
 Lode, H. 1193
 Lodha, K. R. 1616
 Loehr, K. F. 2055
 Loembe, P. M. 3757
 Logan, K. S. 628, 2675
 Logan, L. L. 2251
 Logan-Henfrey, L. L. 2733

- Lohman, K. L. 1870
 Lohmann-Matthes, M. L. 2373
 Löhr, K. F. 2442, 5072
 Loi, R. 1177
 Loiseau, A. 1866
 Loiseau, P. 1990
 Loiudice, L. 3908, 4449
 Lojda, Z. 205-206, 3531, 3561-3562, 4043-4045, 4491
 Lom, J. 103, 1053, 2158, 2163, 4390, 4776
 Lombardi, S. 1100, 4845
 Lombardo, N. 2085
 Lonergan, S. 2318
 Long, C. A. 4546
 Long, E. G. 1273
 Long, G. W. 426, 4021
 Long, P. L. 1584
 Longacre, S. 3950
 Longombe, A. O. 3829
 Longworth, D. L. 88, 3460
 Lonsdale-Eccles, J. D. 358, 2262, 4059, 4439, 4525, 4528, 4712
 Lontie, J. F. 4905
 Lontie, M. 1651
 Loo, J. van de 3755
 Loo, L. 3384
 Looareesuwan, S. 1199, 3641, 4168
 Loomis, L. D. 121, 3076
 Loong, K. P. 2800
 Lopes, R. A. 586, 711, 4489
 Lopes Pereira, C. 506, 3869
 López, A. 1163
 López, M. 2130
 Lopez, M. C. 580, 2424, 3610
 Lopez, R. 4863
 López, S. 3437
 López-Antuñano, F. J. 2461, 2478, 2499
 López Blanco, O. A. 1331
 López-Brea, M. 433
 López-Fernández, A. 1950
 Lopez Goudiaby, A. M. 2134
 López Lastra, C. 68
 López-Revilla, R. 4046
 López-Romero, E. 4062
 López Roses, L. 3457
 Lorca, M. 3095-3096
 Lord, R. 622, 2212
 Lortholary, O. 2046, 4628
 Losada, S. 1845
 Löscher, T. 1276
 Losonsky, G. 1773
 Lossick, J. G. 4187
 Lot, T. Y. 5100
 Loubière, R. 2630, 3468, 3923
 Louis, F. J. 2827
 Louis, J. 3505
 Louis, J. P. 861, 1173, 1667, 1972, 2028, 2531, 2827, 3906, 4184
 Louis, V. 1886, 2735
 Lourenço-de-Oliveira, R. 824
 Loutan, L. 2473
 Louw, A. I. 1807, 5124
 Louw, G. J. 4771
 Lovelace, J. K. 1544
 Lowder, C. Y. 88, 3460
 Lowe-Jinde, L. 4488
 Lowell, G. 1108
 Lowrie, R. C., Jr. 283
 Loyens, M. 127, 4405
 Loyola, E. G. 811
 Lozada, D. 1787
 Lozano, G. A. 3190
 Lozier, J. R. 2400
 Lozykowski, M. G. 1114
 Lu, G. Z. 4724
 Lu, H. M. 3346
 Lu, L. X. 1086
 Lu, S. Q. 3946
 Lu, Y. R. 3218
 Lubniewski, A. J. 3378
 Luc, K. O. 3352
 Luca d'Oro, G. de 2290
 Lucas, C. M. 3959, 5058
 Lucas, G. N. 3804
 Lucas, S. 3047
 Lucas, S. B. 91, 2132, 2135
 Luce, J. M. 327
 Luchtenberg, H. 2234
 Luckins, A. G. 633, 1631, 2171, 2458, 3092
 Ludwig, L. 4179
 Luebke, R. W. 2211
 Luft, B. 3263
 Luft, B. J. 578, 1321, 1943, 4141
 Luginbühl, H. 1437
 Lugo Mendoza, J. 807
 Lugt, C. B. 1978
 Luke, R. 2530
 Lukert, P. D. 3015
 Lukeš, J. 591, 1751, 3058
 Lun, Z. R. 859, 2008, 2762
 Lundberg, A. 4097
 Lunestad, B. T. 1232
 Luo, N. P. 1044
 Luo, X. F. 2447
 Luo, Y. L. 5118
 Lupiáñez, J. A. 1444
 Lüps, P. 2982
 Luquetti, A. O. 143, 1806
 Lur'e, A. A. 1900, 2465
 Lury, J. D. 4163
 Lusby, K. S. 3273
 Lusina, D. 3758
 Lussow, A. R. 4024
 Luster, M. I. 1225, 4201
 Lutaal, S. K. K. 3559
 Lutgerink, J. 747
 Lütikhuisen, B. 3105
 Lux, D. 2038
 Luxemburger, C. 3307
 Luzzi, G. A. 1403, 1408
 Lyagoubi, M. 2694
 Lyannaz, J. 1494
 Lyche, K. D. 5
 Lychko, N. D. 2378, 4633
 Lye, M. S. 798
 Lyevre, P. 4653
 Lyimo, E. O. 912, 4611
 Lymbery, A. J. 922, 3182
 Lynch, N. R. 3968
 Lynch, R. J. 4211
 Lynch, T. J. 4921
 Lynen, G. M. 688
 Lynen, L. 4148
 Lynn, D. H. 4391
 Lyon, J. A. 1775
 Lyons, E. T. 3342, 3407
 Lyons, M. 5148
 Ma, J. W. 2205
 Ma, N. S. F. 479
 Ma, P. 1048, 4272
 Ma Tung, L. 3046
 Mabuwa, C. 3559
 McAdam, K. P. W. J. 2689, 3081
 Macaden, R. 4731
 Macaigne, F. 2744
 MacAleese, J. 2731
 MacAleese, S. M. 4090
 McAllister, C. T. 588-589, 1049, 1335, 2485, 2666, 3002, 3007, 3056, 3886, 3936, 4328, 4817, 4821
 McArdle, T. F. 1569
 McAuley, J. B. 4257
 McBride, J. 4669
 McBride, J. S. 1152, 2681
 McCabe, R. 2840, 3694
 McCabe, R. E. 78, 613
 McCaffery, M. 731
 McCallum-Deighton, N. 2779
 McCann, P. P. 374, 864, 4519
 McCarthy-Burke, C. 418
 McCaw-Binns, A. 2940
 Maccioni, A. 1159
 McClellan, K. A. 1727
 McClellan, M. D. 2633
 McCloskey, J. A. 4548
 McColgan, C. 1929
 McConkey, G. A. 1760
 McConnell, C. J. 5145
 MacConnell, E. 553
 McConville, M. J. 3149-3150, 3155-3156, 3580
 McCoomer, N. E. 3634
 McCormack, F. X. 1780
 McCormack, K. 3045
 McCormick, T. S. 1114, 4851
 McCrossin, D. B. 2956
 McCulley, J. P. 1986, 2248-2249, 4348, 4483
 McCulloch, M. L. B. 2789
 McCutchan, J. A. 3048, 3263
 McCutchan, T. F. 183, 758, 1760, 1863, 4394
 McDade, K. J. 162
 MacDiarmid, S. C. 1271
 McDonald, V. 2689, 3081
 MacDonell, K. 1327
 McDougal, L. 1734
 McDougald, L. R. 377, 1711, 1713, 4356, 4425, 4993
 McDougall, R. 1061
 McDowall, A. 3564
 McElwain, T. F. 180, 260, 1077, 1474
 McEwan, N. A. 1429
 McFadden, D. C. 3334, 4636
 McFadden, R. G. 4690
 McFarland, D. 2819
 McFarland, J. W. 2414
 McGarry, T. M. 2652
 McGladdery, S. E. 1337
 McGlennon, N. J. 2390
 McGlynn, L. M. 3048
 MacGregor, A. M. 2418
 McGregor, J. L. 4102
 MacGregor, R. R. 2841
 McGrew, W. C. 4737
 McGuire, J. L. 94
 McGuire, T. C. 129, 180, 260, 1077, 1996, 4545
 Machado, C. R. 3883
 Machado, G. M. 173
 Machado-Coelho, G. L. L. 4415
 McHardy, N. 901, 3675, 3708
 Mchenry, K. 2329
 Machesky, L. M. 1450
 Machin, R. 2201
 Machin, S. J. 1597
 Machkevskii, V. K. 2027
 Mächler, R. 5055
 Machowska, L. 2670
 MacHugh, N. D. 1800
 Maci, A. M. 3473
 Maciel, D. 1894
 Macina, R. A. 4954
 McInnes, E. F. 2730
 McIntyre, N. 1631
 Maciver, S. K. 2260
 Mack, D. 4208
 Mack, R. 1654
 McKeever, D. J. 1253, 1770, 1800
 McKellar, Q. A. 2405
 McKellar, S. 3761
 McKenna, P. K. 1147
 Mackenzie, C. D. 1940
 Mackenzie, D. W. R. 1733, 3944
 McKenzie, J. M. 1741
 Mackenzie, N. E. 3591
 McKenzie, S. 3039
 Mackenzie, S. J. 1740
 McKerrow, J. H. 574, 732, 1457, 3175
 Mackie, I. 1597
 Mackie, I. D. F. 4690
 Mackie, J. T. 4752
 Mackiewicz, S. H. 2670
 McKinlay, K. P. 1662
 McKown, R. D. 4826
 McLarty, D. G. 2408
 McLaughlin, J. 1098
 McLaughlin, G. L. 430, 4540
 McLaughlin, R. M. 4842
 McLean, A. R. 2781
 MacLean, J. D. 411, 1926
 McLean, N. 2107
 McLennan, D. A. 1483, 4833
 McLeod, R. 4208
 McMahon, J. T. 88
 McMahon-Pratt, D. 194, 233, 238, 615, 1870, 1874
 McMaster, W. R. 1768, 4962
 McMichael, A. J. 3544, 4886
 McMillan, E. G. 4774
 MacMillan, J. R. 3454
 McMurphy, W. E. 3273
 McNamara, J. 2239, 2283
 McNaughton, C. 1233
 McNeil, J. D. 903, 2385
 McNerney, R. 5134
 McOlash, L. 847
 Macome, A. 1540
 McPhaul, L. 423
 Macpherson, C. N. L. 4691
 MacPherson, D. 4
 McPherson, R. 4575
 McQuiston, T. E. 1338
 Macri, B. 1130, 3037
 Macruz, R. 3858
 Maddali-Bongi, S. 2558
 Maddison, S. E. 1088
 Maddox, J. V. 2108, 3654
 Madeira, E. D. 2721
 Maden, M. 4747
 Madonna, M. 1174
 Madulo-Leblond, G. 313, 1157
 Madzima, W. N. 4318
 Maeda, K. I. 3969
 Maehl 856
 Maehl, H. 491, 495-496, 498-499, 708, 797
 Maehl, J. H. H. 2057-2059, 2208
 Maehl, M. 497
 Maekawa, Y. 3530
 Maenhout, T. 2583
 Maeno, Y. 3098
 Maero, E. 4068, 4539
 Maertelaer, V. de 3542
 Maes, L. 927, 1231
 Mafukidze, R. T. 1691
 Magalhães, P. A. 4403
 Mage, C. 4181
 Magee, J. G. 162
 Magesa, S. M. 914-915
 Maggs, J. L. 366
 Magiri, C. 3284
 Magliocco, A. 3461
 Maglione, E. 2076
 Magne, D. 717, 1168, 1591, 1796
 Magni, L. 4748
 Magnus, E. 4864
 Magnuson, N. S. 129, 4586
 Magnussen, P. 3702
 Magrone, F. 3797
 Maguire, J. 373
 Maguire, J. H. 4632
 Mahadevan, S. 1515
 Mahajan, D. 2301
 Mahajan, R. C. 119, 163, 217, 781, 1226, 1788, 2477, 2690, 2794, 2797, 3430, 3545, 3569, 3726, 3977, 3990, 4903, 4982, 4998
 Mahalabis, K. K. 378
 Mahamat, B. 495, 797, 834
 Mahapatra, A. K. 1908
 Mahapatra, P. K. 1969
 Maharaj, I. Omah. 4600
 Mahbubani, M. H. 2462
 Mahdi, A. A. 630
 Mahdi, R. M. 3344
 Mahdi, S. O. M. 3341
 Mahendar, M. 1920
 Maheshwari, N. 1661
 Maheshwari, R. K. 3680
 Maheshwari, V. 1661
 Maheswary, N. P. 4594
 Mahfoudh, A. 3812
 Mahfouz, M. O. 2552
 Mahieu, P. 3727
 Mahjoubi, F. 3812
 Mahjour, J. 1520, 1705, 1879
 Mahler, C. 5091
 Mahler, T. 425
 Mahmood, S. 781
 Mahmood, A. A. 701
 Mahmood, A. Z. F. 460
 Mahmood, A. Z. 534
 Mahon, F. X. 2843
 Maidana, C. 127
 Maier, W. A. 1528, 2898, 5122
 Maiese, S. C. 2910
 Maiga, A. 1573

- Maiga, A. S. 1573, 4183
 Maiga, S. 1291
 Maiha, B. B. 343
 Maillard, J. C. 2287
 Maille, J. C. 1404, 2208
 Maina, J. N. 5071
 Maiolini, D. D. 2729
 Maitra, S. C. 893, 1761, 2852, 4199
 Maitra, T. K. 715, 3133, 3387
 Maity, C. R. 4641
 Maizels, R. M. 3782
 Majewska, A. C. 4484, 4981
 Majori, G. 1245, 4302
 Majumdar, T. de 3509
 Majumder, H. K. 1854
 Majumder, R. 3331
 Majumder, S. 4519
 Mak, J. W. 541, 596, 2049, 3978, 4246
 Makarevich, N. A. 1960
 Makepur, K. B. 1246
 Maki, L. 2151
 Makimura, S. 1708, 3102
 Makinde, J. M. 3717
 Makinde, M. O. 4500
 Makinoda, K. 1299
 Makler, M. T. 4258, 4675
 Makman, M. 2242
 Maksakovskaya, E. V. 4633
 Makumyaviri, A. M. 1530
 Makuwa, M. 2531
 Malaga, C. A. 4003
 Malaquias, L. C. C. 4579
 Malaysia, Institute for Medical Research 2490, 5153-5154
 Malbrun, B. 3992
 Maldonado, J. 2431, 3296-3297
 Maldonado, M. 652
 Maley, S. 185
 Malhotra, V. L. 4865
 Malik, A. 1155, 4858
 Malik, G. 3811
 Malik, G. B. 1427
 Malik, G. M. 360, 3285, 4871
 Malikul, S. 4450
 Malin, A. S. 4813
 Malinverni, R. 5057
 Malla, N. 1226, 2477, 4903, 4982, 4998
 Mallen, M. M. 447
 Malliani, A. 1825
 Malliaros, D. P. 370
 Mallick, A. 3799
 Mallick, K. K. 1371, 2700
 Malmendier, C. L. 4905
 Maloo, S. 491
 Maloo, S. H. 2055, 2442, 5072
 Maltese, E. 845
 Maltz, G. S. 5
 Malukene, L. I. 3090, 3226
 Malukiené, L. 3090, 3226
 Malviya, V. S. 2126
 Malysheva, M. N. 2150
 Manabe, T. 3530
 Mancebo, O. A. 2745
 Mancianti, F. 704, 1129, 1209, 1211, 3497
 Mancuso, G. 4432
 Mandal, A. K. 459, 973, 2091
 Mandal, B. K. 866, 2826
 Mandal, F. B. 2091
 Mandarini, L. G. 1208
 Manenti, S. 4065
 Manga, L. 3906
 Mangel, W. F. 4056
 Mangelschots, E. 1651, 4693
 Mangia, R. H. R. 4329
 Mangini, A. C. S. 2304
 Mangold, A. J. 3661
 Mangoud, A. M. 1075
 Mani, K. 4916
 Mani, P. 1028
 Manigand, G. 1676
 Manmohan, C. B. 1920
 Mann, B. J. 626, 2758
 Mann, J. M. 788
 Manna, M. K. 2972
 Manning, J. E. 748, 4971
 Manning, P. 3589
 Mannino, S. 3690
 Mannonen, J. 4757
 Manoharan, A. 3202, 3348, 4107
 Mansfield, J. M. 610, 3602
 Manson, K. 233
 Mansor, S. 3261
 Mansor, S. M. 3295, 3723, 4654
 Mansour, N. S. 1881
 Mansur, J. 1894
 Mansurov, A. A. 2961
 Mantovani, A. 1265
 Manuel, R. 3412
 Mao, S. P. 4130
 Maracic, M. 4593
 Maramorosch, K. 1182, 1611, 2457
 Marandu, W. P. 2394
 Marangi, M. 1213
 Marbiah, N. 5080
 Marbiah, N. T. 4291, 4882
 Marbury, D. 3591
 Marcanik, J. 4044-4045, 4491
 March, C. J. 3074
 Marchais, R. 313
 Marchetti, A. 1161
 Marchi, L. 4553
 Marchot, P. 828
 Marciano-Cabral, F. 3767, 4411
 Marck, E. van 1763, 3542
 Marcon, P. 144
 Marcoux, J. A. 1659
 Marcovitz, R. 3974
 Marcucci, F. 5094
 Marcus, L. C. 3032
 Marel, G. A. van der 3594
 Mares, R. G. 1534
 Margolis, C. Z. 2944
 Margolis, L. 4275
 Margos, G. 2898, 5122
 Mariani, M. 5094
 Mariano da Rocha, J. R. 203
 Marimbui, J. 1948
 Marin, M. 2232
 Marin, M. A. Vaca- 811
 Marín, R. 4140
 Marín Casanova, P. 3472
 Marinaccio, M. 3908, 4449
 Marinho, H. A. 3560
 Marinkelle, C. J. 2456
 Marino, M. R. 3877
 Marion, S. 144
 Maritim, A. C. 679, 681, 683, 836, 4019, 4026
 Mariuz, P. 1943
 Marjolet, M. 4725
 Marjou, F. 3838
 Markham, R. J. F. 923, 1147
 Markovics, A. 2217
 Marks, A. 95
 Marks, J. B. 1741
 Markus, M. B. 92, 106-107, 2549, 5079
 Markx-Chemla, C. 1953
 Marlier, S. 4050
 Marquardt, W. C. 1026
 Marques, A. 1749
 Marques, J. L. L. 2077
 Marques, S. A. 2314
 Marr, J. J. 3698, 4649
 Marriott, D. J. 1937
 Marriott, M. S. 275
 Marroni, M. 3693
 Marryatt, V. M. 548
 Marsboom, R. 1192, 1231, 4638
 Marsden, J. R. 2040
 Marsden, P. D. 1, 974, 1285, 1684, 3742, 4459
 Marsh, K. 1403, 1408, 1431, 2728, 3093, 3564
 Marsh, M. 4567
 Marshall, E. 3902
 Marshall, R. 2787, 3763
 Marshall, V. M. 1792
 Marsili, C. 2048
 Martelleur, A. 127
 Martelli, C. M. T. 1286
 Martellosi, P. 3326
 Marth, E. 464
 Marti, H. P. 302
 Martin, B. 3142
 Martin, C. 3100
 Martin, D. H. 5005
 Martin, D. S. 4557
 Martin, J. 5081
 Martin, J. H. 2248-2249, 4348
 Martin, J. L. 5057
 Martin, R. K. 882
 Martin, U. 127
 Martin, W. J., II 1780
 Martin, W. T. 949
 Martin-Granel, J. 1014
 Martinez, A. 557, 1373
 Martinez, A. J. 2, 4271-4272, 4797
 Martinez, E. 1499
 Martinez, F. 3333
 Martinez, J. 644
 Martinez, J. E. 1310
 Martinez, O. 442, 2943
 Martinez, R. 433, 3041
 Martinez, S. 3698
 Martínez-Moncivais, J. 2254
 Martínez-Ortega, E. 1520
 Martínez-Palomo, A. 79, 2259
 Martini, A. 1520, 1879, 3393, 3425
 Martino, L. di 4292
 Martinod, S. 2445
 Martinotti, M. G. 1131, 1169
 Martins, M. C. 3344
 Martins, P. 2729
 Marttinen, A. 1838
 Marty, B. 127, 2297
 Marty, P. 1745, 2630, 3471, 3934
 Martyn, L. J. 4798
 Martz, M. 3267, 3835
 Maruping, S. 1656
 Marva, E. 777, 1889, 2415, 4226, 4984
 Marwaha, N. 3557
 Marx, M. B. 2340
 Marx-Chemla, C. 2706
 Mary, C. 132, 1877, 3998
 Maryanski, J. L. 1794, 3546
 Masala, C. 4359, 4841
 Masaninga, F. 2302, 3645, 4458
 Masbar, S. 667
 Mascaro, C. 3333
 Mascher, F. 464
 Masci, J. R. 3029
 Mašek, J. 3741
 Mashako, M. N. L. 2838
 Masiga, D. K. 2280
 Maske, D. K. 3449
 Maslov, D. A. 2760
 Masoero, L. 2076
 Mason, C. 4858
 Mason, R. C. S. H. 3084
 Mason, R. W. 3885
 Mason, T. E. 818
 Massengo, R. 3840
 Massoud, A. M. 1121
 Massougoudji, A. 1570
 Masterton, R. G. 1662
 Mastroeni, P. 4432
 Masuda, A. 4402
 Masuda, G. 3099
 Masuko, T. 4855, 4877
 Masur, H. 1542, 1932, 4177
 Mata, L. 1746
 Mata, M. de 3665
 Mata, R. 1576
 Mata-Cárdenas, B. D. 2460
 Mateo, M. J. 5036
 Mateo, M. M. de 4777
 Mateos Poumián, A. 1697
 Mates, D. 1294
 Mathan, M. M. 4724, 4916
 Mathan, V. I. 4916
 Mathew, M. 4916
 Mathew, M. M. 4724
 Mathews, S. T. 3650, 5064
 Mathias, R. G. 306
 Mathiesen, L. 3051, 3930
 Mathijs, J. M. 4812
 Mathisen, G. E. 3933
 Mathur, K. B. 3114
 Matias, R. 1156
 Matile, H. 179, 4890
 Matos, E. 948
 Matovelo, J. A. 1708
 Matskási, I. 3494
 Matsuba, T. 1873
 Matsubara, L. 4112
 Matsuda, H. 3682
 Matsumoto, M. 2072, 2979, 3400
 Matsumoto, T. K. 2198
 Matsumoto, Y. 773
 Matsuyama, K. 1708
 Mattana, A. 85
 Mattaus, M. 494
 Matteelli, A. 2395
 Mattei, D. 3088, 3965, 4071, 4534
 Matthews, J. 3574
 Matthews, R. A. 1424
 Matthewson, M. D. 3675
 Matthijssens, G. 2266
 Mattia, D. de 2311
 Mattioli, R. C. 1699
 Maturri, L. 2147
 Matusik, J. E. 4665
 Matyka, S. 393
 Matzilevich, D. 753
 Maubert, B. 2827
 Maudlin, I. 1517
 Maulik, K. K. 2972
 Maury, A. 4423
 Mäusezahl, D. 302
 Mautner, M. 3623
 Mautort, E. de 3528
 Mawji, Y. 1362
 Mawuena, J. 834
 Mawuena, K. 399, 493, 784, 906, 951
 Maxwell, S. M. 3538
 May, L. P. 2517
 May, R. M. 72
 May, W. W. 950
 Mayberry, L. F. 2612, 4490
 Maybodi, M. 2276
 Mayende, J. S. P. 2054
 Mayer, F. 1348
 Mayer, K. 2831
 Mayer, R. 710
 Mayhew, I. G. 2006, 2390
 Mayner, V. 935
 Mayon-White, R. T. 2785
 Mayor, S. 221, 1856, 3579, 3584-3585
 Mayrhofer, G. 3630, 4511, 4933
 Mayrink, W. 812, 823, 1502, 4403
 Mazibe, M. 506
 Mazier, D. 2176, 2178, 2410, 2694, 3964
 Mazzotta, D. 2138
 Mazzucchelli, M. 1017, 3236
 Mazzucco, G. 2634
 Mbadji, G. 5071
 Mbawa, Z. R. 4059
 M'Baye, P. S. 5081
 Mbemba, Z. S. 2336
 Mbengue, M. 481, 2052
 Mberu, E. 887
 Mbisi, A. 2865
 Mbulamberi, D. B. 471, 2029, 4872
 Mbura, R. J. 5072
 Mbwebi, D. 4867
 Mbwebi, E. R. M. 719
 Mbwebi, S. K. 5071
 Mead, J. 3359
 Mead, J. R. 579
 Meade, H. M. 1830
 Meagher, P. D. 5013
 Measures, G. 4211
 Mebrahtu, Y. 437
 Mebrahtu, Y. B. 1625
 Mechali, D. 2046, 4628
 Mechanic, L. 2868
 Mecke, D. 241, 725
 Meckert, P. M. C. 2720
 Medeiros, L. B. de 2035
 Medina, C. C. 4086
 Medina, V. 2265
 Medina-Acosta, E. 4934, 4940
 Medlock, M. D. 3909
 Medrea, N. 2439
 Medrea, V. 999
 Meduri, G. U. 2914

- Medway, W. 533
 Meenken, C. 4109
 Meer, J. W. M. van der 3679
 Meeüs, T. de 2777
 Megson, A. 256, 4949
 Meheus, A. 3825
 Mehlhorn, H. 3789, 4136
 Mehlitz, D. 793
 Mehra, S. 3133
 Mehrotra, M. 1664
 Mehta, H. 2526
 Mehta, S. 2204
 Meide, P. H. van der 637
 Meide, P. van der 116
 Meier, B. 4080
 Meier, W. 4094
 Meijia, J. S. 4929
 Meillet, D. 1168, 1591, 1796
 Meirelles, M. de N. L. 2433, 3137, 4581
 Meirvenne, N. van 2266, 4864
 Meis, J. F. 266
 Meis, J. F. G. M. 2748
 Meisler, D. M. 88, 3377, 3460
 Meissonnier, E. 1654
 Mejia, J. S. 656, 753, 1142, 1449, 3583, 4063
 Mekuria, Y. 1513
 Melchers, W. 2003
 Melle, G. van 2333
 Meller-Melloul, C. 132
 Mellon, J. 4483
 Mellon, J. A. 4348
 Mellouk, S. 134
 Mellovitz, R. L. 2888
 Melo, M. N. 812, 823, 4403
 Meloen, R. 4420
 Meloen, R. H. 1144
 Meloni, B. P. 922, 2289, 3593
 Melrose, R. 3761
 Meltzer, D. G. A. 2730
 Memel, D. S. 2621
 Memórias do Instituto Oswaldo Cruz 3365-3366
 Mencarelli, M. 2048
 Mencher, D. 3609
 Mencke, N. 3976
 Mendis, A. H. W. 3593
 Mendis, B. S. 4306
 Mendis, C. 786, 1785, 5028
 Mendis, K. 4455
 Mendis, K. N. 29, 617, 786, 1527, 1785, 2682, 4007, 4497, 4883, 5028
 Mendonça-Lima, L. de 4538
 Mendoza, C. 4653
 Mendoza, J. 807
 Meneghelli, U. G. 215
 Meneghi, D. de 1003, 1265
 Meneguz, P. G. 1003
 Menez, J. F. 1141
 Menezes, M. C. N. D. De 245
 Meng, C. W. 484
 Meng, T. C. 1848
 Meng, Y. N. 1958
 Mengel, J. 2722
 Menichetti, F. 3693
 Menike, P. S. 1247
 Menkens, G. E., Jr. 2581
 Menlisheva, F. P. 2378
 Menn, T. 3768
 Menna, L. F. 1207
 Menon, A. 1549
 Menon, A. K. 221, 1856, 3579, 3584-3585, 4919
 Menoud, P. A. 5107
 Mensa-Wilmot, K. 4939
 Mentzing, L. O. 4434
 Menzies, P. 4751
 Meo, C. di 1207
 Merad-Boudia, A. 2532
 Merali, S. 386, 4514
 Mercer, D. R. 1720, 2601, 4780
 Mercereau-Puijalon, O. 232, 259, 1462-1463, 1487, 3112, 4008
 Merchan-Hamann, E. 335
 Mercier, P. 3527
 Meredith, S. E. O. 808
 Merino, N. 4331
 Merlin, M. 2937
 Merlino, C. 1131
 Mermillod, B. 5057
 Merritt, J. W., Jr. 616
 Merry, A. H. 1403, 1408
 Mertens, E. 4924
 Mertsching, J. 271
 Mertz, K. 2033, 3667
 Meshcheryakova, E. A. 2717
 Meshnick, S. R. 386, 1589, 3289, 3291, 4514
 Mesquita, A. A. L. 1583
 Mestriner, M. A. 3197
 Meteo, J. M. 2346
 Metersky, M. L. 2915
 Metsis, A. 1753, 1858
 Metwally, F. M. 1243
 Meunier, D. M. Y. 1506
 Meunier, F. 2650
 Meurice, J. C. 3480
 Meuter, F. de 425, 1376
 Meuwissen, J. 2003
 Meuwissen, J. H. E. T. 806, 1144, 1817, 4891
 Mevel, J. C. 1405
 Mevelec, M. N. 645
 Meyer, A. 1193
 Meyer, D. R. 2248-2249, 4348
 Meyer, E. A. 97
 Meyer, R. D. 5060
 Meyers, T. R. 561, 1722, 2598
 Meyling, F. H. J. G. 4805
 Meyniel, G. 4658
 Meyohas, M. C. 1949
 Meysick, K. C. 4355
 Mezgani, M. 4173
 Mezger, E. 5132
 Mhaisen, F. T. 555
 Mhando, P. J. 920
 Mhina, J. I. K. 3686
 Mialhe, E. 2167, 2704, 4943
 Miao, W. M. 3314
 Michael, S. A. 1065
 Michaeli, S. 3599
 Michal, L. 4296
 Michalick, M. S. M. 4403
 Michałowski, T. 3409
 Michalski, W. P. 231
 Michel, B. 3606
 Michel, F. B. 2632
 Michel, R. 1156, 3768
 Michelotti, E. F. 4946
 Michels, P. A. M. 730, 1460
 Michiels, J. F. 653, 1678, 2630, 3468, 3923
 Michiels, R. 653
 Mickelson, W. D. 168
 Mielke, D. 1106, 3766, 4385
 Mieno, M. 3408
 Miezan, T. 4873
 Miézan, T. W. 853, 1982
 Migaki, T. T. 4146
 Migala, K. 3019
 Migliani, R. 2836, 2937
 Miglietti, M. 3843
 Migliore, R. A. 718
 Migliorini, P. 2173
 Mignonsin, D. 4173
 Migosi, D. 894
 Miguel, O. 1085
 Miguez, H. 2041
 Mihai, S. 2439
 Mihaly, G. W. 4486
 Mihok, S. 719, 819, 2286
 Mikazuki, K. 3193
 Mikelénas, A. 520
 Mikelsaar, M. 4207
 Mikhail, E. M. 1881
 Mikhail, K. S. 4851
 Mikhail, N. 3920
 Mikhailitsyn, F. S. 2378, 4633
 Mikhailova, L. G. 2957
 Miki, A. 357, 2862
 Mikkelsen, R. B. 225
 Mikou, N. 3823
 Mikou, S. 3823
 Milandre, L. 3927
 Milano, F. 2725
 Milano, S. 845, 4015
 Milder, R. 1488
 Miled, L. B. 3761
 Milei, J. 4034
 Miles, M. 649
 Miles, M. A. 1499, 3336, 4533, 4686, 5134
 Miley, B. L. 252
 Milhous, W. K. 353, 773, 882, 3684
 Milinski, M. 296
 Milite, G. 3326
 Millard, B. J. 4885
 Miller, C. D. 627
 Miller, H. R. P. 1809
 Miller, J. E. 993
 Miller, K. 3461
 Miller, L. A. 5043
 Miller, L. H. 73, 946, 1903, 3638, 4011, 4888
 Miller, N. 2258
 Miller, R. 1525, 2132
 Miller, R. A. 661, 4735
 Miller, R. F. 91, 345, 2135, 3345, 3469, 3692, 4813
 Miller, R. L. 226
 Miller, S. 1704
 Miller, S. B. 2633
 Miller, W. H. 226
 Millerin, M. 4658
 Millett, A. L. 924
 Millet, P. 444, 677, 3554, 4020, 4897
 Millet, P. G. 4734
 Millichamp, N. 101
 Millikan, R. C. 4965
 Millott, S. 845
 Mills, A. A. 3161, 3175
 Mills, C. E. 2107
 Mills, J. 86, 336, 2842
 Millward-Sadler, G. H. 1426
 Milo, D. 2138
 Milon, G. 3505
 Milord, F. 1237
 Milović, V. 4176
 Miltgen, F. 2176, 2178, 2410
 Milutinović-Djurić, S. 4176
 Mimori, T. 301
 Min, D. Y. 181
 Min, Z. P. 859
 Minami, T. 1132, 1519, 3135, 4312
 Minengu, M. 834, 2059
 Mingle, J. A. A. 1278, 5012
 Mining, S. K. 679, 681, 683, 4019, 4027
 Minoprio, P. 700
 Mintz, E. D. 321
 Miotti, P. G. 4360
 Miozzo, A. 1265
 Miqueli Negrin, E. 807
 Mir, M. 5036
 Miralles, R. 2642
 Miranda, J. 1163
 Mirelman, D. 2758, 3179, 4354
 Mirkin, G. 4074
 Mirovský, P. 408
 Misasi, R. 4359, 4841
 Mishima, K. 4547
 Mishra, A. K. 2469, 3754, 4150, 4153
 Mishra, B. 1407
 Mishra, R. N. 2808
 Mishra, S. K. 2241
 Mishra, V. S. 260, 1474
 Misra, P. 1933
 Misra, R. S. 2919, 3689
 Misra, S. 299
 Mitchell, D. M. 5139
 Mitchell, G. H. 4895
 Mitenev, V. K. 1509
 Mitra, A. K. 964
 Mitra, S. 1087, 3191
 Mitra, S. K. 3728
 Mitsutake, K. 3682
 Mittal, V. 2935, 3649, 4870, 4947
 Mittal, V. K. 2042
 Mittelholzer, M. L. 3690
 Miura, S. 3223
 Miyahara, K. 1382
 Miyahira, Y. 2754, 3223
 Miyamoto, H. 699
 Miyazaki, Y. 3682
 Mizusawa, K. 2083
 Mjomba, M. 4163
 Młynarczyk, J. 4889
 Mnyika, K. S. 368, 1598
 Mnzava, A. E. P. 912, 914-915
 Mnzava, T. D. E. 1622
 Moas, C. M. 2470
 Mobashir, M. 1661
 Mocan, H. 2506
 Mochalova, E. A. 5026
 Mochizuka, I. 472
 Modai, J. 4214
 Modde, H. 1675
 Modella, J. M. 4863
 Modespacher, U. P. 1443
 Modi, G. B. 1881, 3658
 Modiano, D. 1100, 4845
 Moehlman, J. 2293
 Moelans, I. I. M. D. 2765, 4408
 Moggian, G. 3797
 Mogi, M. 4113
 Mohamadou, B. 2444
 Mohamed, A. M. M. 16
 Mohamed, A. S. 466
 Mohamed, H. A. 3216
 Mohamed Diawo Bah 3828
 Mohammad, M. A. 871
 Mohammadi, M. 1729
 Mohammed, G. 2239
 Mohammed, O. B. 2154, 4818
 Mohammed, S. 938
 Mohammadani, A. A. 965
 Mohan, K. 1788
 Mohan, T. C. 2548
 Mohanty, D. 2241
 Mohanty, K. C. 1938
 Mohanty, P. K. 86
 Mohanty, S. 2241
 Mohanty, S. K. 337
 Mohapatra, S. S. S. 3202, 3348, 4107
 Mohareb, E. W. 4504
 Moharrami, M. A. 4662
 Mohle-Boetani, J. 94
 Mohler, K. M. 2678
 Mohr, W. 1835
 Mohsenifair, Z. 5060
 Moiseeva, A. V. 2958
 Moitinho, M. da L. R. 4294
 MoiYoi, O. K. ole 435
 Mokhtar, G. 1076
 Mokili, J. L. K. 2228
 Molan, A. L. 669
 Molano, A. 1787
 Molé, S. 4127
 Molima, K. 1504
 Molina, J. M. 4214
 Molina de Raspi, E. 4399
 Molinari, G. 1171
 Molineaux, L. 3239
 Molineux, I. J. 3504
 Molisho, S. 4444
 Moll, G. N. 298
 Mollard, R. 622
 Molnár, K. 1260, 4823
 Moloo, S. 856
 Moloo, S. K. 663-664, 1946, 2169, 2361, 2392, 4601
 Molunto, P. 3722
 Molyneux, D. H. 3232, 3216
 Molyneux, M. E. 2546, 3261, 3723
 Momen, H. 194, 2314, 4333, 4612
 Monaco, G. 1242
 Moncada, S. 1406
 Moncayo, A. 5004
 Mondesire, R. 4751
 Monforte, A. d'Arminio 3270
 Monger, C. 674
 Monges, G. 2631
 Monica, M. P. 447
 Monjour, L. 160, 4875
 Monnier, J. C. 3999
 Monreal, G. 4772
 Monroe, W. E. 873
 Monroy Basillo, M. 2216
 Mons, B. 263, 2165, 2267, 2748
 Monsérié, C. 2381
 Montag, T. 151
 Montagnier, C. 407
 Montalban, C. 582

- Montali, R. J. 1710
 Montalvo, A. M. 3879
 Montamat, E. E. 2290
 Montaner, J. S. G. 326
 Montasser, M. F. 1090, 3979
 Monteagudo, F. S. E. 2383
 Montecinos, M. I. 3104
 Montemartini, M. 4530
 Montes, J. 559
 Montfort, I. 2244, 3127
 Montgomery, A. B. 327
 Montoya, J. 2315
 Montoya, S. 522, 4595
 Monzali, C. 4302
 Monzingo, D. L., Jr. 4668
 Monzón, C. M. 2745
 Moody, A. H. 3845, 4686
 Moody, K. D. 3010
 Moore, C. B. 4386
 Moore, D. J. 255
 Moore, J. 295
 Moore, J. A. 1739
 Moore, J. F. 554
 Moore, K. L. 3733
 Moore, M. B. 2248-2249
 Moore, M. J. 672
 Moorehead, W. P. 306
 Mor, V. 2831
 Mora, A. L. 131, 1821, 4031
 Móra, Z. 388
 Morabia, A. 4809
 Morado, J. F. 550
 Morais, B. B. 2729
 Morais, A. 1499
 Morales, J. 557
 Morales-Ramos, L. H. 2419
 Morand, C. 5081
 Morandi, N. 1906
 Moreau, Y. 52
 Morein, B. 1411
 Moreira, A. A. B. 4112
 Moreira, C. J. C. 3219
 Moreira, E. S. A. 2420
 Moreira, L. F. 2860
 Morel, C. 3992
 Morel, C. M. 2464, 4556, 5129
 Morel, P. C. 1700
 Morelli, A. 3843
 Morello, A. 3588
 Moreno, A. 131, 1821, 3954, 4031
 Moreno, J. L. 3267, 3382
 Moreno, M. A. 4985
 Moreno, M. B. 5134
 Moreno, S. N. J. 3185, 4517, 5103
 Moret, A. L. 940
 Moretti, A. 1096
 Moretti, E. 698
 Moretti, E. R. A. 125, 3975, 4139
 Moretti, M. V. 3693
 Morgan, A. S. 2841
 Morgan, D. J. 2726, 4486
 Morgan, K. L. 1022, 2566
 Morii, T. 3764
 Morimoto, Y. 3716
 Morin, D. 4218
 Morin, O. 3470
 Morita, T. 3343
 Morkramer, G. 491, 496, 499, 1040
 Morlat, P. 1949, 3263
 Moroiu, J. 2387
 Moroni, M. 3270, 5003
 Morosetti, G. 4127
 Morra, L. 2887
 Morrill, W. E. 949
 Morris, C. 4624
 Morris, C. L. 4020, 4734
 Morris, G. P. 3206
 Morris, J. 3479
 Morris, J. C. 441
 Morris, R. 3368
 Morris, R. L. 3075
 Morris, S. A. 716, 2242, 4041
 Morrison, C. M. 548, 2011
 Morrison, J. K. 553
 Morrison, W. I. 1770, 1800, 2668
 Morrissey, P. J. 2678
 Morrow, A. L. 3255
 Morsy, T. 2327
 Morsy, T. A. 1075, 1090, 1120, 4126
 Mortara, R. A. 281, 3188
 Mortelmans, J. 662, 858, 4915
 Mortimer, B. 168
 Morton, D. G. 2614
 Morton, W. R. 661, 4735
 Morzaria, S. P. 679-680, 682, 686-687, 691, 941, 4677, 4687
 Moschen, M. E. 2311
 Moser, G. 4322
 Moser, M. 790
 Moshier, S. E. 3003
 Mosier, D. A. 4419
 Mösllein, C. 4996
 Mosoba, M. 4163
 Moss, A. 2380
 Moss, B. 178
 Moss, D. 1406
 Moss, D. M. 3519
 Moss, J. 4547
 Mossa, J. S. 4192
 Mosser, D. M. 2783
 Mossman, H. 192, 3541
 Mostertz, P. 90
 Mota, I. 3510
 Mothiron, C. 1676
 Motoki, M. 3004
 Mott, K. E. 5004
 Motta, M. C. M. 2149, 4987
 Motta, S. R. N. 3223
 Mottram, J. C. 3627, 4949
 Mouakeh, A. 1202
 Mouchet, F. 1279
 Mouchet, J. 398, 907, 1503, 2322, 2897, 3663
 Mougeot, G. 2706
 Mouillon, M. 3994
 Moulay, L. 2870
 Moulia-Pelat, J. P. 1173, 2531, 3993
 Mouna, A. M. 2876
 Mounsey, A. 5085, 5089
 Moura, M. E. G. 4442
 Moura Nunes, J. F. 4035
 Mourad, M. I. 2081
 Mouton, D. 1405
 Mouzo, G. 718
 Mowatt, M. 4970
 Mowatt, M. R. 1466, 3608, 4547
 Moxham, J. 2135
 Moyou-Somo, R. 3281-3282
 Moyroud, J. 4184
 Moza, N. 2221
 Mpangala, C. 3105
 Mpepo, P. 2356
 Mpfi, B. I. 3756
 Mpimbaza, G. W. 4528
 Mpimbaza, G. W. N. 2262
 Mpitbakana, P. 1508
 Mponda, C. 2356
 Mracek, J. 3140
 Mravak, S. 3257
 Mráz, P. 4496
 M/S Médecine Sciences 4968
 Msangi, A. R. 1904
 Msengi, A. E. 2408
 Msuya, F. H. M. 912-913
 Mtambo, M. M. A. 1709
 Mtangayi, M. 38, 346, 2817-2818, 4152
 Muanza, K. 2694
 Mubagwa, K. 5099
 Mueller, B. U. 5068
 Mühlstädt, K. 2752
 Muigai, R. 1625, 3809
 Muira, A. K. 4212
 Mukendi, M. F. 856
 Mukerji, K. 899, 2700, 4052
 Mukhebi, A. W. 682, 691, 842, 2611
 Mukherjee, A. 2919
 Mukherjee, B. N. 2092
 Mukherjee, R. M. 715, 3133
 Mukherjee, T. 361, 5102
 Mukhopadhyay, A. K. 2808
 Mukhopadhyay, S. 2541
 Mukiyama, T. K. 2321
 Mukkada, A. J. 3573, 3632
 Mukouhara, Y. 2078
 Mukunyandela, M. 3645
 Mulatu, W. 2058
 Mulatu, W. A. 803
 Mulaya, N. L. 1515
 Mulcahy, M. F. 3443
 Mulder, J. W. 2140
 Mulei, C. M. 1004
 Mulela, G. H. M. 5071
 Mulla, A. F. 765
 Mullem, E. 2344
 Muller, C. A. 3219
 Müller, H. E. 432, 1326, 4452
 Müller, I. 3505
 Müller, L. A. 1331
 Müller, M. 1846, 4924
 Müller, N. 4406
 Müller, S. 3575
 Müller, W. A. 4437
 Müller-Eberhard, H. J. 3151
 Mullin, R. J. 1987
 Mullins, B. T. 613
 Mulungo, M. 491, 497, 499, 708, 834
 Mulungo, S. M. 2057
 Mulvaney, D. R. 4315
 Mulvihill, T. E. 3132
 Mummaw, N. 1146
 Munatswa, F. C. 510, 690
 Münchener Medizinische Wochenschrift 3264-3265
 Munday, B. L. 549
 Mundin, M. J. S. 56
 Mundt, H. C. 1561
 Mundt, H. C.; Dorn, P. 1562
 Munesinghe, D. Y. 1386
 Muñoz, M. de L. 4985
 Muñoz, S. 1149
 Muñoz, V. 1577
 Muñoz-Fernández, M. A. 4428
 Muñoz-Gomez, J. 4364
 Munro, R. 537
 Munshi, U. M. 2017
 Münstermann, S. 5072
 Muniyappa, W. K. 207
 Mura, M. S. 3915
 Murakami, T. O. 3859
 Muraki, Y. 2996
 Muraleedharan, K. 542
 Murdoch, R. T. 2726, 4486
 Murgo, N. J. 3152-3153
 Murilla, G. A. 2453
 Murillo, L. 4031
 Murillo, L. A. 1786, 1821, 4032
 Murillo B., C. 309
 Muroya, N. 3985
 Murphy, C. F. 3640
 Murphy, E. L. 2127
 Murphy, J. R. 2775
 Murphy, M. 519
 Murphy, N. B. 2268
 Murphy, R. 1328
 Murphy, R. L. 2830, 4144
 Murphy, R. M. 2139
 Murphy, T. M. 2665
 Murray, D. G. 4959
 Murray, H. W. 337, 3962
 Murray, M. 856, 1429, 1916, 2224-2225, 2402, 4178, 4844
 Murray, P. J. 2185
 Murta, A. C. M. 150, 4581
 Murtagh, J. J., Jr. 4547
 Murugavel, K. 1660
 Musa, N. B. 412
 Musae, M. A. 4372
 Musaiger, A. O. 35
 Muscará, M. N. 5093
 Mushaghala, R. 2335
 Musialik, M. 2594
 Musico, M. 2085
 Musisi, F. L. 505, 685, 841, 1535
 Musoke, A. J. 180, 632, 1413, 3598
 Mustafa, A. M. 99
 Mustafaev, Kh. M. 2961, 3200
 Muszyński, P. 3409
 Muter, C. M. 4106, 5019
 Mutha, S. S. 3077
 Mutharia, L. M. 1385
 Muthui, D. 2766
 Mutiga, E. R. 207
 Mutinga, J. 2564
 Mutinga, M. J. 546, 1340-1342, 4106, 4124, 5019
 Mutiso, N. 14, 1275
 Mutugi, J. J. 679, 681, 683-684, 836, 4019
 Mutuzkina, Z. P. 186-187
 Muwalla, M. M. 2070
 Muyldermans, S. 2766
 Mvondo, J. L. 5002
 Mwangi, D. M. 2171, 3092
 Mwangi, R. W. 2321
 Mwanza, L. 2302
 Mwinba, K. 1505
 Mwongela, S. 2442
 Myagkova, M. A. 2895
 Myamba, J. 915
 Myers, C. E. 2883
 Myint, P. T. 1135
 Myint, S. H. 1577
 Myint Oo, U. 1135
 Myler, P. J. 258, 3618, 3621, 3624, 4948, 4961
 Myo Paing 1181
 Mzoma, F. 505
 Nabors, G. S. 1765, 4857
 Nachamkin, I. 4692
 Naciri, M. 3520
 Nacy, C. A. 134
 Nadarajah, M. 2548
 Nadeau, K. 4942
 Nadeau, K. C. 1453
 Naem, H. A. E. 3386
 Naef, U. 5055
 Naessens, A. 425
 Naessens, J. 2169
 Nafie, T. S. 2215
 Nafziger, D. A. 1375
 Nagakura, K. 805
 Nagaraj, C. 3681, 3712, 4644
 Nagaraja, T. G. 517, 4738
 Nagasawa, H. 3530, 3969
 Nagasawa, T. 3408
 Nagata, T. 394
 Nagda, S. 491, 495-499, 708, 797
 Nagda, S. M. 2057-2059, 2208
 Nagel, R. L. 289, 2740
 Nagelkerke, N. 14, 1275
 Nagelkerke, N. J. D. 2909
 Nagy, E. 3736
 Nagy, P. 3302
 Nahlen, B. L. 4123
 Nahmias, J. 2945
 Naidenova, N. N. 2027
 Naiff, M. F. 4333
 Naiff, R. D. 4333
 Naik, S. R. 3739
 Nain, C. K. 4477
 Naitana, A. G. V. 3915
 Najem, N. M. 3250
 Najera, J. A. 3237
 Nakabayashi, T. 1060, 3193
 Nakai, T. 4344
 Nakai, Y. 246
 Nakajima, H. 1264, 4309
 Nakamura, A. 722
 Nakamura, H. 2198
 Nakamura, K. 266, 3065
 Nakamura, K. I. 4673
 Nakamura, O. 3098
 Nakamura, P. M. 2198
 Nakamura, T. 4563
 Nakamura, Y. 4312, 4417
 Nakane, A. 3985
 Nakanishi, T. 1716
 Nakano, T. 1278, 5012
 Nakao, M. 4847
 Nakashima, A. 980
 Nakata, K. 1475
 Nakauchi, K. 4309
 Nakayama, T. 2862
 Nakazawa, S. 1486, 3099, 3493, 3600
 Nalepa, C. A. 4781
 Nam, H. W. 291, 3637, 4096
 Nambota, A. 689
 Nandi, N. C. 2091

- Nandy, A. 2036
 Nankodaba, G. 834
 Nantes, I. R. 171
 Nantulya, V. M. 632, 1404, 1803, 2195, 2606, 3991, 4444, 4872
 Naotunne, T. de S. 29
 Napolitano, G. 4292
 Narara, A. 3286, 4831
 Narasimha, M. 4731
 Narasimham, M. V. V. L. 1246, 1968-1969, 3251, 3681, 3712, 4644-4645
 Narayanaswamy, A. 4149
 Nardin, E. 1386, 1773, 3954
 Nardin, E. H. 677
 Nardou, M. 2542, 3382, 3835
 Nariuchi, H. 3068
 Narkevich, M. I. 2957
 Narsapur, V. S. 4754, 4914
 Narum, D. 1524
 Naryshkin, S. 2910, 2922
 Nascimento, C. B. do 2128
 Nascimento, O. J. M. 3841
 Nascimento, S. F. do 4402
 Naseem, L. 28
 Nash, A. S. 1709
 Nash, T. 2914
 Nash, T. E. 616, 1372, 1466, 3071, 3608, 3980, 4547, 4975
 Nashimoto, H. 1475
 Nasir-ud-Din 4053
 Naskar, K. 299, 2700, 4501
 Nasr, A. 5136
 Nasr, N. T. 1258
 Nassar, A. M. 1356, 3882, 4121, 4451
 Nassef, N. E. 3844
 Nasser Ahmed 3987
 Nassingar, M. 2066
 Nasyrov, F. S. 4270
 Nasyrova, R. M. 4270
 Nathan, H. C. 896
 Nathenson, A. L. 3377
 Nature 4899
 Nauche, S. 1843
 Naumann, K. M. 4578, 4992
 Nautiyal, B. L. 5010
 Nava, E. 1499
 Navaratna, H. 1247
 Navarrete, S. 3388
 Navarro-Ranninger, M. del C. 2424
 Navin, T. R. 3665
 Nawa, Y. 2243
 Nawar, M. 3907
 Na'was, T. E. 4722
 Nawroth, P. P. 1935
 Nayagam, M. 2921
 Nayak, A. R. 641
 Nayak, D. C. 2964
 Nayar, A. 4529
 Nazira, M. 2580
 Ndarathi, C. M. 1005, 1103, 1293, 1782, 4137, 4838
 Ndawula, E. 2787
 Ndayiragije, A. 1554
 Ndegwa, P. N. 4601
 N'Dhatz, M. 3047
 Ndi, C. 5031
 N'Diaye, A. 992
 Ndiaye, A. A. 4646
 Ndiaye, M. Adamou- 2444
 Ndiaye, P. 4646
 Ndounga, M. 876, 2865, 3713
 Ndung'u, J. M. 854, 1429, 2224-2225, 2402
 Ndungu, S. G. 679, 681, 683, 4019, 4026-4027
 Neal, R. A. 5087
 Neale, G. 2197
 Neale, K. A. 2181, 2184
 Nebieridze, Sh. K. 114
 Necker, A. 432
 Nedunchellian, S. 3947
 Nee, S. 4831
 Neely, F. L. 3751
 Neequaye, J. 2364, 3093
 Neer, T. M. 4233
 Nefel, K. 4231
 Neghme, A. 448
 Negrin, E. Miqueli 807
 Negro, M. 4748
 Nehme, N. S. 2464, 4556
 Neifer, S. 4593
 Neil, L. 2194
 Neill, A. L. 4495, 4918
 Neill, L. 1693
 Neira, P. O. 2372
 Nel, P. W. 3320
 Nelles, H. W. 3466
 Nelson, J. M. 3808
 Nelson, L. A. 1322
 Nelson, R. 4534
 Nelson, R. G. 1868, 3604, 3626
 Nemcek, A. A., Jr. 2624
 Nene, V. 1413, 3598, 4687
 Neng, W. 5118
 Nerad, T. A. 949, 4816
 Nero, L. del 4845
 Nešić, D. 4335
 Neto, I. D. da S. 601
 Neto, U. F. 599
 Neto, V. Amato 4112
 Netter, P. 5101
 Nettleman, M. D. 3897
 Netto, E. M. 974, 1285
 Neuen-Jacob, E. 3466
 Neva, F. 7
 Neva, F. A. 2127
 Nevárez Garza, A. M. 1697
 Nevel, C. J. van 3867
 Nevill, C. G. 354
 New, L. 4879
 New England Journal of Medicine 3259, 4487, 4692, 4909, 5061
 Newbold, C. I. 1403, 1408, 3564
 Newcomb, D. M. 2414
 Newkirk, D. R. 2441
 Newlands, E. S. 3045
 Newman, J. L. 2643
 Newman, P. J. 4206
 Newton, C. R. J. C. 2728
 Newton, E. 2181, 2184
 Ng, C. 289
 Ng, G. C. 530, 1750
 Ng, S. C. 2519, 2950
 Ng, V. 423
 Ngaira, J. 4559
 Ngaira, J. M. 4867
 Ngamuna, S. 2059
 Ng'andu, N. H. 1674
 N'Garygam, K. 2066
 Ngeranwa, J. J. N. 207
 Ngindu, A. M. 4106
 Nginyi, J. M. 4314
 Ngo Thi Kim Cuc 1200
 Ngowi, F. I. 1622
 Nguemby-Mbina, C. 3391
 Nguerenemo, P. 2531
 Ngulube, B. 685
 Ngumi, P. N. 679, 681, 683, 4019, 4026-4027
 Nguyen, L. 2545
 Nguyen, X. M. 32
 Nguyen-Dinh, P. 4435
 Ngwawe, W. 5039
 Niagro, F. D. 3015
 Niang, S. D. 4183
 Nibbering, P. H. 2697
 Nichani, A. K. 693, 3707, 4180
 Nicholas, J. 3547
 Nicholas, J. A. 928
 Nicholas, S. 2787
 Nicholls, S. C. 235
 Nichols, B. A. 1632
 Nicholson, E. A. 912
 Nicholson, J. K. A. 145
 Nickel, P. 382
 Nickel, R. 4950
 Nicod, L. 5057
 Nicolaides, K. 2543
 Nicolas, J. A. 1552, 1600, 4739
 Nicolas, J. M. 4364
 Nicolli, J. R. 4848
 Nicolich, S. 2821
 Nicolli, F. 4119
 Nicolosi, A. 5003
 Nicoloso, P. 1002
 Niederkorn, J. Y. 4348, 4483
 Niel, G. 3999
 Nielsen, F. 2577
 Nielsen, J. O. 3051
 Nielsen, K. 3644
 Nielsen, M. H. 110
 Nielsen, T. L. 3051
 Nielsen, T. N. 3929
 Nieminen, M. 2971
 Niese, D. 4170
 Nieuwenhove, S. van 1551, 2350, 2354
 Nigro, M. 704, 3497
 Niinuma, S. 3135
 Nikander, S. 4757
 Nikitin, V. F. 1297
 Nikoyagize, L. 1554
 Nilsen, R. 2238
 Nilsson, J. R. 4650
 Nilsson, P. O. 1000
 Nimmo, G. 3800
 Nina, J. M. S. 2689, 3081
 Niner, B. M. 2760
 Niño, R. F. 1331
 Niphadkar, S. M. 4914
 Nishikawa, M. 5117
 Niszl, I. A. 2549
 Nitcheman, M. F. 2023
 Nitcheman, S. 810
 Nithiuthai, S. 2990
 Nivet, P. 3818
 Niyazova, O. N. 2961
 Niyongabo, J. 2214
 Niyongabo, T. 4217
 Njenga, J. N. 4867
 Njogu, A. R. 854, 879, 933, 2210, 2442
 Njoku, C. O. 3120, 4042, 4135
 Njunwa, K. J. 914-915
 Nkowane, B. M. 1674
 Noah, N. D. 2786
 Noble, M. E. M. 1843, 2755
 Nocerino, A. 4292
 Nocito, I. 3807
 Nock, I. H. 3986
 Noel, I. 1078
 Noga, E. J. 3441, 3522, 3891
 Nogami, S. 722, 2083
 Nogueira, N. 76, 264
 Nogueira-Machado, J. A. 4579
 Noireau, F. 1093, 2446, 4874, 5141
 Nokes, D. J. 2947, 4108
 Nolan, D. P. 2292
 Nolan, L. L. 2261, 4522
 Nollstadt, K. 1145
 Nollstadt, K. H. 4636
 Nolte, D. 1468
 Nomura, O. 3102
 Nonaka, S. 301, 2695
 Nora, M. V. 2888
 Norcross, N. L. 1389
 Nord, K. 2429
 Nordor, O. 4220
 Nordstoga, K. 4759
 Noriega, I. 4653
 Norman, B. N. 4268
 Norman, P. 2786
 Norman, T. L. 1534
 Norose, K. 4426
 Norris, K. A. 1137
 Norris, S. A. 1735
 North, M. J. 1457
 Northright, D. B. 2225
 Norton, C. C. 500, 4409
 Norton, R. A. 1198
 Norton, S. A. 2528
 Norval, R. A. I. 690-691, 801, 842, 910
 Noskin, G. A. 2139, 2830, 4144
 Nosny, Y. 5009
 Nosten, F. 372, 1423, 3307
 Notnagel, R. F. 3711, 4209
 Notley, J. R. 2356
 Nougara, A. 1039
 Nouthou, K. 3830
 Nouri, M. 2502
 Noutoua, J. 1173
 Noutoua, L. 2531, 5018
 Noyales, M. 4863
 Nover, L. 2264
 Novilla, M. N. 2896
 Novotný, J. 4347
 Nowak, M. A. 2781
 Nowell, F. 413, 1336, 2087
 Nowicki, C. 4530
 Nowotarski, M. 155
 Nowotarski, M. E. 2710
 Nozaki, T. 1454
 Nsengumuremyi, F. 15
 Nsinba 1505
 Ntahonkiriye, G. 1948
 Nucci, G. de 5093
 Nugent, R. 4752
 Nugent, R. P. 5005
 Nuncio, M. S. 1512
 Nunes, E. V. 2471
 Nunes, M. P. 1531, 4324
 Nunes, P. C. S. 2568
 Nunes Petisca, J. L. 3869
 Nuñez, F. 1821, 4031
 Nuñez, L. E. 975
 Nurminen, L. 1930
 Nurse, G. T. 3195
 Nussbaum, J. 3263
 Nussenblatt, R. B. 3344, 3464
 Nussenzweig, R. 692
 Nussenzweig, R. S. 677, 1100, 1386, 1773, 3110, 3546, 4464, 4593, 4898
 Nussenzweig, V. 692, 3158, 3521, 4464, 4860, 4898, 4923
 Nussler, A. 2178
 Nuti-Sobrinho, A. 586
 Nutman, T. 4858
 Nwaejike, I. N. 1592
 Nwankwo, M. U. 4732
 Nweze, L. C. 538
 Nyakundi, P. M. 1410, 3809
 Nyeko, J. H. P. 2054
 Nyska, A. 3873
 Nzeyimana, H. 1554
 Nzingoula, S. 3821
 Nzisabira, L. 1554
 Obasi, O. E. 1668
 Oberhuber, G. 4366
 Oeberti, M. 2557
 Obrador, A. 3810
 O'Brien, C. M. 674
 O'Brien, W. 5160
 Ocam, J. G. R. 690
 Ocaña, I. 2943
 Ochola, J. 4858
 Ociba, P. M. 2054
 Ockenhouse, C. F. 285, 3563
 Ockert, G. 3801
 O'Connell, B. 3132
 O'Connor, M. 2787
 O'Connor, R. M. 3082
 Oda, D. 1734
 Odagiri, Y. 3098
 Odai, M. 518
 Oddo B., D. 2141, 4251, 4368
 O'Dell, W. D. 3003
 O'Dempsey, T. J. 1280
 O'Dempsey, T. J. D. 1569
 Odening, K. 2103, 4343
 Odera, E. 4413
 Odermatt, P. 302
 Odiit, M. 4872
 Odindo, M. O. 69, 3448
 O'Doherty, M. J. 2846
 Odoi-Adome, R. 5056
 O'Donnell, B. P. 2883
 O'Donoghue, P. J. 3445
 O'Donohoe, J. M. 2628
 O'Donovan, S. 646
 O'Driscoll, J. C. 2145
 Oduola, A. M. J. 882, 1152
 Oelemann, W. 4445
 Oelz, O. 4720
 Oetting, B. C. 4189
 Oettinger, T. 1817
 Ofek, I. 4990
 Office Internationales des Epizooties 2495
 Offer, E. 4732
 Ofori-Adjei, D. 2364, 3093
 Ofori-Adjei, E. 2364
 Ogala, W. N. 1568
 Ogawa, H. 1708, 3102
 Ogbogu, V. C. 1701, 3120
 Ogbonna, A. A. 4727

- Ogbonna, C. I. C. 4727
 Ogbonna, I. B. 4727
 Ogbunude, P. O. J. 244
 Oge, S. 2099
 Oger, C. 3208
 Oger, E. 5081
 Ogimoto, K. 531
 Ognean, L. 2386-2387
 Ognibene, F. P. 1542, 5067
 Ogola, E. S. N. 4212
 Ogunbona, F. A. 384
 Ogunkolade, W. 4686
 Ogunremi, A. O. 4917
 Ogunsanmi, A. O. 795
 Ogunyemi, O. 2053
 Ogwu, D. 3120, 4042
 Ohara, H. 1136, 1196
 Ohayon, D. 4621
 Ohnishi, Y. 1060
 Ohno, S. 4426
 Ohsawa, K. 357, 2862
 Ohta, C. 3985, 4416
 Ohtomo, H. 476
 Oikawa, H. 3193
 Ojeda, J. M. 3588
 Oka, M. 3530, 3969
 Okamba-Osseke, F. 2326, 2446
 Okanlawon, A. O. 5095
 Okech, G. 879
 Okedi, T. 2442
 Okelo, G. B. A. 340
 Okewole, P. A. 1025
 Okolo, C. J. 2323
 Okon, E. 935
 Okoth, J. O. 1609
 Okpavie, S. O. 4917
 Okrasinski, J. L., Jr. 2441
 Oksanen, A. 2971
 Oksov, I. V. 1489
 Ökten, A. 2506
 Okuna, N. M. 2054, 2451
 Okuonghae, H. O. 4732
 Okuuchi, K. 3408
 Okuzawa, E. 3223
 Olado, D. 4867
 Oladosu, L. A. 4502
 Olafson, R. W. 1767
 Olaho, W. M. 4559
 Olaho-Mukani, W. 4867
 Olarte, J. 4724
 Olatunde, A. O. 514
 Ole-Moiyoi, O. K. 435
 Ole-Moiyoi, O. K. 4525, 4529
 Olerup, O. 3955
 Olivar, M. 2473
 Oliveira, A. B. de 1583
 Oliveira, C. M. B. de 3945
 Oliveira, J. S. M. 4487
 Oliveira, M. I. de 2304
 Oliveira, M. R. de 1085
 Oliveira, O. S. 1806
 Oliveira, P. R. de 1012
 Oliveira, R. B. 215
 Oliveira, R. Lourenço-de- 824
 Oliveira, S. 4091
 Oliveira, S. M. O. de 1531
 Oliveira, T. C. G. de 3532
 Oliveira-Lima, A. 2882
 Olivier, T. 1680
 Olivos, A. 2244
 Olling, S. 4303
 Olmo, J. A. del 4364
 Oloo, A. J. 3284
 Oloo, J. A. 4163
 Olopoenia, L. 4795
 Olsen, R. M. 2920
 Olsen, T. 1656
 Olsen-Rasmussen, M. A. 145, 629
 Olson, G. 2821
 Olson, J. A. 4146
 Olson, J. G. 2799, 4215
 Olson, M. E. 4904
 Olson, R. E. 5030
 Olsson, T. 116, 637
 Olubayo, R. O. 719, 819, 4887
 Olufemi, B. E. 4502
 Oluju, P. M. 5056
 Oluoch, E. A. 129
 Olurinola, P. F. 1568
 Omah-Maharaj, I. 4600
 Omah-Maharaj, I. R. 2939
 Omar, M. 4151
 Omar, M. E. 360
 Omar, M. S. 1281
 Omata, Y. 1110, 3193
 Omeke, B. C. O. 4485, 4910
 Omer, E. E. 3386
 Omogo, D. 5019
 Omoilo, P. 2196, 2451
 Omukuba, J. N. 2442
 Omuse, J. K. 4867
 Ona Sima, F. 2346
 Onabanjo, A. O. 4622
 Onadeko, M. O. 5008
 Onah, D. N. 1690, 2562
 Ondiek, F. O. 2403
 Ondijo, S. O. 22
 O'Neill, M. G. 2886
 O'Neill, S. A. 95
 O'Neill, D. 1932
 Ong, B. L. 2580
 Ong, E. L. C. 866, 2826
 Ong, S. J. 1041
 Ongerth, J. E. 1634
 Onishchenko, G. G. 2957
 Ono, K. 1255, 1382, 3068
 Ono, T. 1060
 Ono, Y. 2083
 Onodera, R. 3163, 3408
 Onodera, T. 4312, 4417
 Onori, E. 3239
 Onstad, D. W. 2108, 3654
 Ontivero, M. 3542
 Onuma, M. 1873, 4580
 Onuora, G. I. 4485
 Onwuai, J. E. 1204
 Onyango, F. K. 406
 Onyango, J. D. 854
 Onyemelukwe, G. C. 343
 Onyeyili, P. A. 1204
 Onyima, V. C. 2053
 Oo, M. M. 189
 Oo, U. M. 1135
 Oorsprong, M. B. M. 905
 Oosawa, K. 2083
 Oosterom, A. T. van 5091
 Oota, K. 722
 Oothuman, P. 16
 Op den Kamp, J. A. F. 4098, 4572
 Opel, U. 1084
 Opitz, M. 2992
 Opiyo, E. A. 2210, 2282
 Oppendoes, F. R. 229, 730, 1460, 1791, 1866, 2751, 4093, 4195, 4508
 Oppert, C. J. 1334
 Opravil, M. 5057
 Orago, A. S. S. 1071
 Orajaka, L. J. E. 538, 4773
 Oralska, B. 115
 Orcutt, T. A. 5067
 Ördner, G. 491, 498-499, 834
 Ordóñez, D. 2872
 Orellana, M. 3263
 Orellana, M. A. 1398, 1401
 Oren, B. 5066
 Oren, R. 935
 Orenstein, J. M. 101, 2160, 3038
 Orgad, U. 392, 3740, 3873
 Orinda, G. O. 3517, 4019
 Oriowo, M. A. 703
 Orisakwe, O. E. 3735
 Orkin, V. F. 2377
 Orlandi, P. A. 3638
 Orlando, G. 5003
 Orn, A. 3094
 Ornelas de Almeida, M. A. 1318
 Orozco, M. A. 1786
 Orozco-Florian, R. 4264
 Orr, G. A. 2749
 Orr, M. 2567
 Orsi, A. 2138
 Orskov, H. 2408
 Ortega, E. Martínez- 1520
 Ortega-Barria, E. 605, 753, 1620, 3595, 4063, 4929
 Ortiz, A. I. 2872
 Ortmann, M. 729
 Ortona, E. 2187
 Ortona, L. 1500, 2187
 Osanyintuyi, S. O. 4306
 Osapay, K. 3153
 Osborn, K. G. 3883
 Oshi, Y. 3323
 Osim, E. E. 721
 Osipova, S. O. 2961
 Osir, E. O. 1633, 4994
 Osland, A. 3079
 Osmond, D. 2380
 Osorio, L. M. 3730
 Osseke, F. Okamba- 2326, 2446
 Ossorio, P. N. 1892, 2768
 Oster, C. N. 1410, 1625, 3809, 5059
 Ostrovska, K. 1762
 Osue, H. O. 4912
 O'Sullivan, W. J. 410, 2746, 3146, 4512, 4936, 5125
 Osuna, A. 1444, 3333
 Otatti de Oliveira, S. M. 1531
 Otesile, E. B. 1118, 3108, 4500, 4917
 Othieno, D. A. O. 5071
 Otieno, L. H. 1633, 2286
 Otieno, L. S. 22
 Otify, Y. 4762
 Otim, C. P. 509
 Otrakji, C. L. 2
 Otsuji, Y. 980
 Otsuka, H. 3102
 Otto, A. 3801
 Ouassii, A. 1363, 2297, 3085
 Ouassii, M. A. 127, 4405
 Ouattara, B. 1573
 Ouattara, D. 1543
 Oudemans-van Straaten, H. M. 966
 Ouedraogo, J. B. 1629, 1971, 4183, 4262
 Oukessou, M. 2407
 Oumate, O. 2066
 Oury, B. 251
 Ouyang, M. H. 1101
 Overath, P. 242, 3150, 3154
 Overdulse, J. P. 2268
 Overhage, J. M. 4808
 Ovezmukhammedov, A. 1491, 2025, 2776
 Owen, D. G. 1325
 Owen, I. L. 4320
 Owen, J. S. 1812
 Owen, R. L. 2908
 Owens, F. N. 3316
 Owhashi, M. 2243
 Owolabi, A. O. 4241
 Owona, R. 4184
 Owono, M. 3391
 Ozeki, K. 3427
 Özer, E. 532
 Pacheco de Araújo, F. A. 3856, 3881
 Pacheco de Araujo, F. A. P. 3855
 Pachón, J. 2136
 Padilla, B. 433
 Padmawinata, K. 4190
 Padovan, P. A. 286
 Padrini, D. 4249
 Paetz, K. E. 2276
 Page, C. D. 714
 Pagès, M. 2667
 Paim, G. V. 1531
 Paindavoine, P. 3168
 Paing, M. 1181
 Paiva, M. das G. de S. 3881
 Paiva, M. G. S. 2719
 Paiva do Nascimento, F. 4373
 Pakandl, M. 443, 3013
 Pal, A. 2700, 3387
 Pal, N. L. 1339, 1761, 1933
 Pal, R. 1686, 3114, 4736
 Pal, S. C. 164, 972
 Pal, U. K. 543
 Paladini, A. 1171
 Palek, J. 3195, 4582
 Palese, P. 3638
 Palfi, Z. 1154, 2466
 Paling, M. 498
 Paling, R. 491, 495, 497, 499, 708, 797
 Paling, R. W. 664, 3105
 Palkovič, L. 58
 Palluault, F. 1614, 4829
 Palm, P. 3619
 Palma, G. 1417, 2315, 4256
 Palmer, G. H. 1077, 1474
 Palmer, J. D. 4398
 Palmier, B. 3819
 Palomino-Nicás, J. 2136
 Palte, S. 1931
 Pamba, H. 1625
 Pamphlett, R. 2529
 Pan, A. A. 238, 615
 Pan, H. Z. 1589, 3289
 Pan, L. X. 2514
 Pan, S. D. 1191
 Pan, S. X. 2447
 Pan, X. Q. 1461
 Pan, Y. Z. 1501
 Pan, Z. Y. 37
 Pan American Health Organization 3895
 Panagiotis, T. 2235
 Panaiteanu, S. 2439
 Panaro, M. A. 3908
 Panatier, B. 2704
 Pance, A. 4932
 Panda, R. 2934
 Pandey, A. K. 1566, 2851
 Pandey, L. K. 1655
 Pandey, S. 1655
 Pandey, V. C. 1116, 2247, 3119, 3256, 3590
 Pandey, V. S. 39, 992
 Pandya, A. P. 1969, 4645
 Panebianco, A. 3037
 Panebra, A. 4074
 Pang, L. 353
 Pang, M. 3692
 Pani, S. P. 4107
 Panigrahy, B. 544
 Panisko, D. M. 2030
 Panitz, S. 1481
 Pankova, T. F. 1754
 Pano, G. 3740
 Panpunnung, S. 1547
 Pantina, R. A. 1876
 Pantoni, L. J. 1453, 3613
 Panyim, S. 4260
 Paolucci, F. 2167, 2704
 Papakay, M. 1245
 Papasian, C. J. 2948
 Paperna, I. 2010, 2159, 2654, 2659, 3455, 3496, 4381
 Papili, R. 3693
 Papini, R. 1129
 Paranhos, G. da S. 4402
 Parasitology Today 1323, 1457, 1808, 1859, 4590, 4640
 Paré, J. 3392
 Parham, P. 3106
 Paris, J. F. 4050
 Parish, S. 512
 Parisi, A. 1046, 1161
 Park, B. K. 366, 2878, 3677, 3876, 3894, 4231
 Park, H. S. 2981
 Park, Y. M. 4096
 Parker, J. F. W. 3652
 Parker, M. 4327
 Parker, S. J. 657
 Parker, S. L. 4297
 Parkhe, K. A. 3996
 Parkin, D. W. 1847
 Parkin, J. 3919
 Parkinson, A. D. 2430
 Parkinson, C. 1406
 Parks, O. W. 4232
 Parma, A. E. 4070
 Parodi, A. J. 3623
 Parody, A. 3315
 Parra, J. P. 2799, 4215
 Parra, M. 4966
 Parra, M. E. 140
 Parriera, V. F. 1012
 Parro, E. L. 2625
 Parrodi, F. 130, 3517
 Parrondo, E. 2424
 Parrondo-Iglesias, E. 1552

- Parshall, C. J. 3874
 Parslow, T. G. 136
 Parsons, J. W. 2785
 Parsons, K. R. 1800
 Parsons, M. 252
 Parsons, P. E. 2633
 Partington, C. J. 1710
 Partisani, M. 325, 4160
 Partisani, M. L. 3528
 Partoutomo, S. 1117
 Parveen Goel 4180
 Pasay, C. J. 4609
 Pasca, I. 2437
 Pascal, B. 2836
 Pascal, R. A., Jr. 4922
 Pasha, M. 475
 Pasion, S. G. 1865
 Pasquau, F. 2130
 Pasquier, B. 4047
 Passmore, N. I. 106-107
 Passos, L. M. F. 50
 Pastorek, J. G. 2117
 Pastorek, J. G., II 5005
 Pasvol, G. 1403, 1408
 Patarroyo, G. 4032
 Patarroyo, M. E. 131, 673, 1373, 1786-1787, 1820-1821, 3093, 4031-4032
 Patchen, L. C. 352
 Patchett, A. A. 2881
 Pateguana, F. 1540
 Patel, A. 2627
 Paternoster, M. T. 1175
 Paterson, C. C. 2225
 Pathak, K. M. L. 3230, 3529
 Pathmanathan, R. 5034
 Patil, A. S. 4754
 Patil, S. B. 34
 Patnaik, J. K. 2241
 Patra, P. 5102
 Pattabiraman, S. R. 1689
 Pattanayak, S. 2324
 Patte, F. 3480
 Patterson, D. J. 600, 1263, 4377
 Patterson, J. L. 4542
 Pattishall, K. M. 860
 Patton, C. L. 1581
 Patton, S. 4104
 Pattyn, G. 5091
 Pau, B. 2167
 Pau, M. 1177
 Paufigue-Olivier, M. 1680
 Paugam, A. 1957
 Paul, A. J. 3421
 Paul, J. 1688
 Paul, J. C. 4741
 Paul, M. 972
 Paul, S. 3803
 Paulauskas, A. P. 3192
 Paulikas, V. 520
 Paulini, I. 2373
 Paulone, I. 3213, 3415, 3664
 Paulsrud, J. R. 1780
 Pavesio, C. E. N. 1632
 Pavia, C. S. 4463
 Pavlásek, I. 1297, 2060, 2088, 4637
 Pavlasek, I. F. 1797
 Pavlikovskaya, T. N. 2958
 Pavlović, I. 4335
 Pawar, N. S. 4153
 Pawar, V. B. 4247
 Pawłowski, T. 2670
 Pawłowski, Z. 2670
 Payne, D. 1964-1965, 5080
 Payne, L. 2881
 Payne, R. A. 5008
 Payne, R. C. 998, 1117, 2360
 Pays, A. 2269
 Pays, E. 2269, 3168, 4964
 Pays, J. F. 3465
 Pays, M. 4204
 Paz, R. 1409
 Pearl, G. S. 3909
 Pearson, R. A. 1117
 Pearson, R. D. 609, 2374, 3241
 Pearson, T. W. 1385, 1767, 3577
 Peattie, D. A. 1867
 Pechère, J. C. 4016
 Pecile, P. 2138
 Pecis, M. 1825
 Peck, R. K. 4671
 Pecka, Z. 58, 2090, 3013, 3354, 3571
 Peckham, C. S. 4001
 Peden, J. G. 2834
 Pedersen, B. K. 1981
 Pedersen, C. 3051
 Pedersen, C. A. 1251
 Pedersen, H. 686
 Pediatric Infectious Disease Journal 467
 Pedone, M. J. 3890
 Pedral-Sampaio, D. 194
 Pedrazzini, T. 3505
 Pedro-Botet, J. 2642
 Pedrosa, C. 2182
 Peeters, J. E. 3520
 Peiperl, L. 86
 Peiris, J. S. M. 617, 1179
 Peixoto, T. de C. 126
 Pell, J. K. 4374
 Pellegrin, J. L. J. 3595, 4929
 Pellegrino, P. 3926
 Pellegrino, R. 1145
 Pellerin, B. 1308
 Pellet, M. P. 308
 Pelli, M. A. 3843
 Pelloux, H. 3340, 3994
 Pelo, M. 2057
 Penali, L. K. 3830
 Peñaranda, F. 4617
 Penchenier, L. 3993
 Pene, P. 1680
 Pène, P. Ten case reports. 2837
 Peng, S. Q. 2588
 Peng, W. W. 650
 Peng, Y. B. 1101
 Penicaut, B. 1552, 1600
 Penin, P. 710, 1348, 4592
 Penketh, P. G. 1581
 Penny, R. 1937
 Pentreath, V. W. 1134, 4241
 Penzhorn, B. L. 1042, 2093, 2730, 2975
 Pepin, J. 1237
 Pepose, J. S. 1330, 3378
 Pepper, J. R. 2635
 Peppiatt, R. 1498
 Perasso, R. 1758
 Percival, T. J. 2153, 4370, 4584
 Perdue, J. N. 5050
 Pere, P. 5101
 Perego, R. 4015
 Peregrine, A. S. 358, 803, 1946, 2361, 2392
 Pereira, J. B. 4445
 Pereira, L. E. 2471
 Pereira, M. E. A. 572, 605, 656, 753, 1142, 1449, 1620, 3328, 3583, 3595, 4063, 4929
 Pereira, M. E. S. 4635
 Pereira, S. 4916
 Pereira, V. L. 3338
 Pereira da Silva, L. 3963, 4534
 Pereira Júnior, A. C. 2035
 Perera, J. 29, 3804
 Perera, K. L. R. L. 617
 Pérez, A. C. 3213, 3664
 Pérez, E. 4323
 Pérez, J. M. 2424
 Pérez, J. Ramírez 1178
 Pérez, M. 3968, 4431
 Pérez-Blanco, F. J. 1950, 2941
 Pérez-Galvez, M. N. 2941
 Pérez-García, J. N. 4985
 Pérez-Montfort, R. 3127
 Pérez-Santos, M. J. 2136
 Pérez-Souto, N. 4211
 Pérez-Tamayo, R. 2244, 3127
 Perham, R. N. 1769, 3153
 Pericchi, L. R. 442
 Périé, J. 3725
 Périé, N. M. 1700
 Périères, J. 3425
 Perieres, J. 1705, 1879
 Peñín, M. 1706
 Peris, M. 2760
 Perito, S. 4900
 Perkins, F. O. 456, 590
 Perkins, M. E. 280, 570, 4099, 4531
 Perkins, P. V. 1625
 Perl, S. 392, 3740
 Perlaza, B. L. 671
 Perlin, M. 2462
 Perlman, D. C. 3477
 Perlmann, H. 1153, 1365, 3955
 Perlmann, P. 124, 152, 1067, 1153, 1170, 1373, 3088, 3955
 Perlowagora-Szumlewicz, A. 3219
 Permpnich, B. 1775
 Perng, T. F. 3021, 3024
 Pernin, P. 4956
 Perpanich, B. 4594
 Perre, P. van de 15
 Perret, B. 2290
 Perret, C. 3922
 Perret, J. L. 3391
 Perri, G. di 1046, 1161
 Perrin, C. 3925
 Perrin, L. 940
 Perrin, L. H. 1804, 3549, 4685
 Perrotta, D. 5050
 Perrouquet, J. L. 94
 Perry, B. D. 682, 691, 801, 842, 2611
 Perry, G. 4494
 Perry, K. 2604
 Perry-Keene, D. 2627
 Perryman, L. E. 169, 180, 260, 529, 627, 1077, 3082, 4545
 Pers, C. 3930
 Perschak, H. 1736
 Peršín, M. 1030
 Peruzzi, W. T. 2139
 Perzanowski, K. 2151
 Pesanti, E. L. 137
 Pesce, A. 3934
 Pessi, A. 1089, 1392, 1785, 2173
 Pessoa, M. C. 2182
 Person, B. 313, 1157
 Pestel, J. 3085
 Pestre, P. 3927
 Pestre-Alexandre, M. 2355, 4717, 4739
 Petana, W. 4689
 Petchpoo, W. 4260
 Peter, H. H. 2618
 Peter-Katalinic, J. 4433
 Peters, B. S. 2647
 Peters, D. 1350
 Peters, K. 3732
 Peters, T. 2618
 Peters, W. 1433, 1617, 2533
 Petersen, C. 1868, 3626, 4534
 Petersen, E. 266, 1111, 1593, 3958, 4291, 4882
 Petersen, E. A. 36
 Petersen, I. 1981
 Petersen, K. 1185
 Petersen, R. M. 2306
 Peterson, D. S. 1567
 Peterson, J. L. 54
 Peterson, L. H. 2821, 2881
 Peterson, M. G. 674
 Peterson, P. K. 4498
 Petit, H. V. 1695
 Petithory, J. C. 4438
 Petrarca, V. 3659, 5025
 Petray, P. B. 668
 Petrella, T. 653
 Petri, W. A. 80
 Petri, W. A., Jr. 626, 2758, 3548
 Petrie, G. R. 1740
 Petriello-Peixoto, M. L. 2420
 Petrites-Murphy, M. B. 3342
 Petrov, O. E. 4392
 Petrova, I. V. 2895
 Pettersson, U. 744, 1153, 2763
 Petzl-Erler, M. L. 3543
 Peyramond, D. 5053
 Peyron, F. 890, 1795, 3073, 3249
 Pezzuto, J. M. 4190
 Pfeffer, K. 638
 Pfefferkom, E. R. 571, 1415, 1861, 3711, 3732, 4209
 Pfister, K. 2982, 4786
 Pfitzer, P. 2911
 Phair, J. P. 2139, 4144
 Phakanont, K. 2825
 Pham, B. N. 2297
 Pham, V. P. 1151
 Phelouzat, M. A. 2870
 Philbey, A. W. 391, 1718
 Philipp, R. 2337
 Phillips, A. 2452
 Phillips, L. 3432
 Phillips, L. G., Jr. 1710
 Phillips, M. 3526
 Phillips, M. W. 4743
 Phillips, P. 2839, 2991
 Phillips, P. H. 3445
 Phillips, R. S. 412, 3111
 Phillips, W. A. 3274
 Phillips-Howard, P. A. 1988, 2784, 4663
 Phillipson, J. D. 1974
 Phipps, L. P. 159
 Phuphaisan, S. 3803
 Piliarissi, C. S. M. 2198
 Pialoux, G. 3465
 Pian, H. C. 552
 Piccoli, S. 3691
 Pichard, E. 1290, 2837
 Pichot, Y. 2162
 Pickering, L. 5128
 Pickering, L. K. 3255
 Picot, N. 3691
 Picot, S. 890
 Picq, J. J. 5009
 Pidherney, M. 4348, 4483
 Pied, S. 2176, 2178, 2694
 Piekarski, G. 3789
 Piens, M. A. 3752
 Pierce, R. 3340
 Piergili Fioretti, D. 1096
 Pieri, S. 704, 1209
 Pierre, C. 4050
 Piersantelli, N. 4143
 Pietra, V. 4845
 Pietra, Y. 3325
 Pietrobello, M. 1002
 Pietrovsky, S. M. 522, 4595
 Pietroski, N. A. 2841
 Pietrzyk, B. 1614
 Piette, J. 2831
 Piette, J. C. 4222
 Pigeon, N. 1659
 Pignataro, O. P. 4517
 Piguet, P. F. 2218, 4016
 Pike, A. W. 2163, 3949, 4776
 Pike, E. B. 402
 Pikula, Z. P. 3834
 Pilarska, D. 4828
 Pileggi, F. 2860
 Pillot, B. 2125
 Pimenta, P. F. P. 417, 1056
 Pinching, A. J. 2132
 Pines, M. 1228
 Pinfold, J. V. 1901
 Pingel, S. 241
 Pinho, R. T. 1618
 Pini, P. L. 3797
 Pink, J. R. 179
 Pink, J. R. L. 4420
 Pinon, J. M. 1953, 2696, 2706
 Pinotti, H. W. 203
 Pinter, A. J. 3003
 Pinto, G. H. 3375
 Pinto, J. B. 1184
 Pinto, J. C. C. 4329
 Pinto, W. P. 2128
 Pinto Dias, J. C. 4332
 Pinto-Sousa, M. I. 3833
 Piot, P. 3825
 Pipano, E. 409, 1077, 1409, 1539, 1779, 1919, 1995, 2014, 2217
 Piras, M. A. 3915
 Pires, C. Alves 314, 4110
 Piskorski, T. J. 3043
 Pistoia, D. 2311
 Pistoiresi-Palencia, M. C. 153
 Pitchenik, A. E. 2470
 Pittarelli, L. A. 3334, 4636
 Pittaway, R. R. 3370
 Pittrof, R. 4261

- Pividal, J. 3287
 Pixley, F. J. 4980
 Pižl, V. 3444
 Pizza, V. 2525
 Pizzo, P. A. 5067-5068
 Pizzoloto, G. 3463
 Planta, M. von 2850
 Planz, J. V. 3002
 Plata, C. de 4421
 Plavnik, I. 1228
 Playfair, J. H. L. 2682, 3084, 3960
 Plaza, A. 3709
 Ploeg, L. H. T. van der 1151, 1451, 1459, 2273, 2278-2279, 4075, 4087, 4835
 Plumas-Marty, B. 4405
 Pluot, M. 2696
 Pobel, T. 1839, 2226
 Pocidalo, J. J. 3258, 4147
 Podell, D. 3599
 Podlipaev, S. A. 1876, 2150, 3371
 Podoba, J. E. 2710, 3540
 Poggensee, U. 4684
 Poglayen, G. 3209
 Pohl, P. 2648
 Pohle, H. D. 577, 895
 Pohlentz, G. 3578
 Pohlit, H. 665, 2226
 Pointaire, P. 2218
 Poirier, L. 5137
 Poirriez, J. 1885, 2533, 4382
 Poirjaeren-Anant, C. 4196
 Pokorný, J. 4448
 Pol, S. 3465
 Polack, B. 890, 3073
 Poli, A. 704, 1211, 3497
 Polidori, G. A. 1096
 Poling, K. B. 3273
 Poliss, M. 1932
 Poljansky, G. I. 4397
 Pollard, T. D. 1450, 2260, 3159, 4920
 Pollevick, G. D. 262, 3623
 Polvani, F. 5042
 Polyanko, N. Ya. 3122
 Polycarpe, D. 4215
 Pompeu, M. 1381
 Pompeu, M. L. 2186, 2716
 Pomroy, W. E. 1084
 Ponce de Leon, P. 3807
 Pongkripetch, M. 31
 Pongparit, S. 815
 Ponnudurai, T. 806, 1079, 2748, 4613
 Ponomarev, S. V. 1836
 Pontarollo, R. 2265
 Pontes de Carvalho, L. C. 1618, 4446
 Poonacha, K. B. 3342
 Poos, R. M. J. 2140
 Poplin, E. A. 3043
 Popović, N. 4176
 Poprawski, T. J. 4783
 Pornsilapatip, J. 1998
 Pors, I. 308
 Porte, J. 3824
 Portegies, P. 4625
 Portela M. P. M. 387
 Porter, C. H. 3665
 Porter, S. L. 3438
 Portillo, H. A. del 4953
 Porto, M. 4953
 Porto, M. T. 4035
 Portsmouth, J. 883
 Pospichal, H. 603
 Pospischil, A. 648
 Posse, R. 718
 Post, R. J. 924
 Postaire, E. 407
 Postal, M. J. 2143
 Postan, M. 2708
 Postema, P. T. E. 706
 Potgieter, F. T. 466, 818
 Pothoff, G. 2875
 Pottkotter, L. 4692
 Poulos, A. 2426
 Poulton, M. 3203
 Poumián, A. M. 3402
 Pouvelle, B. 3075, 4570-4571
 Povoá, M. 1567
 Povoá, M. M. 1871, 4091
 Powell, A. 1145
 Powell, C. C. 1397, 3534, 3537, 3874
 Powell, M. R. 122, 1368
 Powers, N. R. 3647
 Powles, M. A. 3334, 4636
 Poynton, S. L. 3888, 4369
 Pozzetto, B. 2686
 Pozzi, L. A. M. 1377
 Prabhakar, P. 2940
 Pradeau, D. 407
 Pradhan, K. B. 4321
 Pradhan, R. K. 3245
 Pradhan, V. R. 5109
 Pradier, C. 1678
 Prakash, K. 4865
 Prakash, V. 4017
 Pral, E. M. F. 1139
 Prantl, F. 702
 Prapunwattana, P. 4509
 Pras, N. 1978
 Prasad, B. N. 3428
 Prasad, H. 2449, 5076
 Prasad, J. 3083, 4083
 Prasad, K. D. 1125, 3272
 Prasad, L. S. N. 3556, 4861
 Prasad, R. N. 2449, 3726, 5076
 Prasertphen, S. 2105
 Prata, A. 1428
 Pratlong, F. 52, 314, 1482, 1520, 1705, 1879, 3393, 3425, 3471, 3984, 4117, 4561
 Préat, V. 4195
 Précigout, E. 1366, 2782
 Preigel, S. I. 4089
 Preiss, U. 3801
 Prellner, T. 4171
 Prema, S. 3482-3483
 Premaratne, U. N. 29
 Premawansa, S. 617, 4953
 Prensier, G. 597
 Presber, W. 3696
 Prescott-Mathews, J. S. 5116
 Presse Médicale 4160
 Preston, P. M. 2687, 4884
 Preston, T. M. 3143
 Prestwood, A. K. 3130, 4441
 Preuss, U. 4433
 Price, D. J. 2712
 Price, G. 1145
 Price, T. J. 2786
 Price, M. D. 3130
 Prieto, A. 3889
 Prima, M. A. di 4359
 Prins, R. A. 3410
 Prinz, A. 465, 885
 Prioli, R. P. 656, 753, 1142, 1449, 3583, 4063, 4929
 Prisco, M. C. di 4431
 Prisco-Fuenmayor, M. C. di 3968
 Proaño S., J. R. 1940
 Procacci, P. 1210, 1212
 Procacci, P. G. 909, 3325
 Procell, P. 1108
 Prociv, P. 2530
 Proctor, E. M. 4254
 Prodanov, E. 4926
 Prodeus, T. V. 2961
 Prognon, P. 407
 Prokopets, O. N. 1824
 Prosdoci, M. 1825
 Proux, J. 3447
 Provost, A. 450
 Prowse, S. J. 231
 Prozesky, L. 3320
 Pruett-Jones, M. A. 2780
 Pruett-Jones, S. G. 2780
 Pruitt, N. L. 3139
 Pruzanski, W. 2617
 Przepiorka, D. 342
 Pszeny, V. 4068
 Pudney, M. 2879
 Puente, N. S. 3857
 Pugachev, O. N. 1719
 Pugh, R. N. H. 89, 1277
 Pujol, J. L. 2632
 Pujol, M. 3992
 Pukritayakamee, S. 1199
 Pulce, C. 2884
 Pulici, L. 5042
 Pull, J. 2836
 Pull, J. H. 3239
 Pulsford, A. 1424
 Pumarola, M. 1011
 Pung, O. J. 128
 Punia, B. S. 1694, 3868
 Punjabi, S. 2221
 Puri, S. K. 868, 1369, 1685, 2247, 3119, 3256, 3590, 5041
 Purnomo 352, 667, 1221, 1492, 4683
 Purohit, S. K. 1616
 Pussard, M. 5147
 Pust, R. E. 2347
 Puy, R. 1738
 Pyakalya, T. 2815
 Pye, D. 674
 Pzsenny, V. 4539
 Qari, S. H. 4091
 Qassim, M. H. 3376
 Qi, G. 3995
 Qi, Z. 2309
 Qian, Y. J. 3535-3536
 Qian, Z. L. 3164
 Qin, P. W. 3646
 Qiu, J. 3692
 Quader, M. M. A. 3772
 Quaglino, A. 2075
 Quakyi, I. 1079
 Quakyi, I. A. 1814
 Quan, Z. H. 484
 Quattrone, P. 2147
 Quayle, P. 2530
 Que, J. U. 4021
 Que, X. 937
 Queener, S. F. 898, 4198
 Queiroz, R. C. B. 243
 Queiroz, R. G. 814
 Queiroz-Telles, F. 3543
 Quereux, C. 1953
 Quero, C. 3709
 Quesada, A. 3057
 Queval, R. 2209, 2287
 Quiambao, B. P. 4169
 Quiery, A. 2868
 Quilichini, R. 3926, 5062
 Quilici, M. 132, 1511, 1877, 3998
 Quinet, B. 2534
 Quinn, T. C. 11
 Quiñones, A. García 807
 Quinsat, D. 3471
 Quintana, I. 996
 Quintanilha, A. T. 3733
 Quintero, D. 3437
 Quintero C., J. 309
 Quirino, T. 5003
 Quiroga, J. C. 685
 Quizhpe, A. M. 301
 Quli, S. K. 360
 Raadt, P. de 706, 853, 2352, 4255, 4589, 4873, 5004
 Raap, A. K. 2267
 Rabarison, P. 2791
 Raberin, H. 2686
 Rabetafika, L. 2663
 Rabinovich, J. E. 5027
 Rabinovich, S. A. 1900, 4633
 Rabinovitch, M. 1139
 Racourt, C. P. 1565, 4730
 Racela, L. 2948
 Rachal, L. T. 2638
 Rachamim, N. 48, 4443
 Rachid, M. S. B. 2341
 Rachmilewitz, E. A. 935
 Rad, M. A. 692
 Radchenko, A. I. 4064
 Raddatz, C. F. 1156
 Rademacher, T. W. 1374
 Radsak, K. 891
 Rae, P. 1384
 Rae, P. F. 1631
 Raffi, F. 3470
 Raffin, T. A. 94
 Rafick, M. M. 1076
 Ragan, H. A. 4003
 Ragavoodoo, C. 1503
 Rageh, H. A. 33
 Rageh, K. K. 1113
 Rahaley, R. S. 4752
 Raharimalala, L. 2790-2792, 3258
 Raharimalala-Andrianavalona, L. 2866
 Rahbari, S. 511
 Rahelimalala, R. S. 1571
 Rahim, M. I. A. 1120
 Rahimtoola, S. H. 21, 4487
 Rahman, G. A. 3766, 4385
 Rahman, M. D. 4922
 Rahman, M. H. 3406
 Rahman, M. M. A. 1113
 Rahman, S. J. 2934
 Rahn, K. H. 2376
 Rai, R. N. 1896
 Rai, S. K. 119
 Raichvarg, D. 1168, 1591
 Raikov, I. B. 1638
 Raïlyan, L. L. 3278
 Raimondi, A. 1445
 Raina, R. 2384
 Rainey, P. M. 238, 3591
 Rais, M. 1982
 Raissinghani, P. M. 712
 Raj, I. S. 4731
 Rajab, K. E. 3846
 Rajagopal, R. 968
 Rajagopalan, N. 1740
 Rajah, R. 1273
 Rajakaruna, J. 1527, 4883
 Rajakulendran, S. 29
 Rajamanickam, C. 3221
 Rajan, T. S. S. 1689
 Rajangam, R. K. 1295
 Rajesh Bhatia 2343
 Rajković-Janje, R. 2089
 Raju, G. S. 4998
 Rakich, P. M. 3015
 Rakoto-Ratsimamanga, A. 363, 3288
 Ralston, P. 654
 Ram, V. J. 3729
 Ramadan, A. S. 990
 Ramadan, E. I. 4451
 Ramadan, M. E. 990
 Ramadan, P. 220
 Ramadhan, M. 406
 Ramamoorthy, R. 2276
 Ramanamiraja, J. A. 1510, 1571
 Ramanandraibe, L. M. 1571
 Ramazeilles, C. 1139
 Ramesar, J. 2165
 Ramesh, G. N. 4998
 Ramesh, V. 2919, 3689
 Ramiliarisoa, O. 363, 3288
 Ramírez, E. 3806
 Ramirez, E. A. 1742
 Ramírez, J. 3806
 Ramirez, L. E. 2963
 Ramirez, M. I. 4051
 Ramírez Pérez, J. 1178
 Ramírez Romero, R. 1697
 Ramos, A. M. S. Val 1380
 Ramos, F. 390
 Ramos, H. Cunha 4110
 Ramos Aragón, J. A. 2216, 2339
 Rampin, T. 1027
 Ramsay, A. 1622
 Ramsay, A. D. 1426
 Ramsey, J. M. 2461, 2479
 Randaccio, D. 1016
 Randall, C. J. 1272
 Randhawa, S. S. 329
 Randriamiharisoa, F. 1288
 Randriasamimanana, J. R. 1571
 Randford-Cartwright, L. C. 1467
 Rangachari, K. 4989
 Rangel, E. F. 814
 Rangel, H. A. 174, 4423
 Rangel-Aldao, R. 3069
 Ranieri, S. 3796, 4119
 Ranjit, M. R. 1682
 Ranque, P. 5004
 Ranz, A. 1589, 3289
 Rao, D. N. 1908
 Rao, G. K. 1672
 Rao, K. V. S. 675
 Rao, M. A. 1247
 Rao, N. A. 4764

- Roitman, I. 245
 Rojas, A. 438
 Rojas, C. 1448
 Rojas, L. 2201
 Rojas, M. 131, 1821, 1857, 4031-4032
 Rojas, M. V. 4960
 Rojas, W. 4617
 Rokiah, L. A. 66, 328
 Roland, M. 4195
 Rolin, S. 3168
 Rolland, L. 4875
 Rolland, X. 160
 Rolland-Burger, L. 160
 Romagnoli, P. 4420
 Román, J. 3225
 Romana, C. 3465
 Romanet, J. P. 3994
 Romanha, A. J. 1158, 1997, 4329, 4332, 4537, 4635, 4697
 Romani, L. 4900
 Rombo, L. 333, 1205, 1217, 1582, 1982
 Romeia, S. A. 1008
 Romeo, S. 1188
 Romero, P. 1794, 3546
 Romero, R. R. 3402
 Romero R, C. 4911
 Romeu, J. 3040, 4155
 Romi, R. 4591
 Rommel, M. 196, 1084, 4767
 Ronday, M. 5039
 Rondinelli, E. 3172
 Rong, Y. Q. 3346
 Rong, Y. W. 985
 Ronveau, J. L. 3727
 Rooney, W. 3690
 Roos, N. 3755
 Roosendaal, B. 3321
 Rooth, I. 1324, 1365, 1550
 Roque, E. 4323
 Roques, C. 4049
 Rorol', A. B. 4089
 Rosa, C. 1684
 Rosa, C. Ia 4845
 Rosa, M. R. de S. 601
 Rosales, E. 5058
 Rosales, M. J. 3333
 Rosario, V. 1152
 Rosario, V. do 1863, 2483
 Rosario, V. E. do 1567
 Rosario-Cruz, R. 2573
 Rosati, G. 2272
 Rosati, S. 2076
 Roscigno, G. 2395
 Rose, G. D. 2375
 Rose, J. B. 19, 416, 4237
 Rose, R. M. 3961
 Rosen, C. 2849
 Rosen, H. 2218
 Rosenberg, I. A. 3583
 Rosenberg, R. 817, 2009, 4594, 4613
 Rosenkaimer, F. 1202
 Rosenmund, A. 3639
 Rosenthal, E. 3934
 Rosenthal, G. J. 1225, 4201
 Rosenthal, P. J. 3604
 Rosenzweig, P. Q. 342
 Roses, L. L. 3457
 Rosman, D. E. 3074
 Rosner, F. 4909
 Rosoavinaiina, L. 1288
 Ross, C. A. 633, 2454, 2458
 Ross, T. T. 4189
 Rossan, R. N. 1436
 Rossell, O. 2246
 Rossetti, P. 3497
 Rossi, E. 2550
 Rossi, L. 1003, 2147
 Rossi, M. 1207
 Rossi, M. A. 2722, 3375
 Rossignol, P. A. 1522, 4116
 Rossitch, E., Jr. 575, 3479
 Rossodivita, M. E. 3843
 Rossolini, A. 3566
 Rostom, A. I. 3250
 Rotaru, O. 2235
 Roth, E. F., Jr. 289, 2740
 Rothhammer E., F. 3966
 Rothlisberg, P. C. 1267
 Rothman, V. L. 2300
 Rothova, A. 4109
 Rothwell, T. L. W. 176
 Rotigliano, G. 909, 1210, 1212, 1392, 3325, 4845
 Rotkis, W. M. 3377
 Rotmann, D. 671
 Rottcher, D. 878
 Rottenberg, M. E. 171
 Rotter, P. 1531
 Rotter, S. M. 3474
 Roubal, F. R. 549
 Rougemont, A. 940
 Rouse, D. 2523
 Roussel, F. 2240
 Rouveix, B. 4147
 Roux, J. P. 2745
 Roux, S. de 2133
 Rovai, L. 1869
 Rowe, J. D. 2237
 Rowe, P. A. 3544, 4886
 Rowell, F. J. 2452
 Rowland, E. C. 122, 1114, 4851
 Rowland, M. 4079
 Rowland, P. H. 2656
 Rowlands, G. J. 803, 2058-2059, 2208
 Rowton, E. D. 3665
 Roy, A. 2189
 Roy, B. 378
 Roy, T. 2707
 Roze, M. 5073
 Rozendaal, J. A. 820, 4115
 Róza, L. 3503
 Ruangjirachuporn, W. 124
 Rubbo, H. 4926
 Rubel, D. N. 2306
 Ruben, L. 2293, 3576, 3581
 Rubiés-Prat, J. 2642, 4266
 Rubin, H. L. 3195
 Rubin, S. A. 3670
 Rubio, R. 3041
 Rubio, V. 3225
 Rübsaamen, G. 702
 Rudbäck, E. 4757
 Rudeanu, J. P. 2387
 Rudenko, G. 1151, 4087
 Rudin, C. 4890
 Rudin, W. 1443, 5023
 Ruebush, T. K., II 74, 1108, 3672, 4235-4236
 Ruedy, J. 326
 Ruef, B. J. 748, 4971
 Ruf, B. 577, 2620
 Ruff, M. D. 1197, 3128, 4626
 Ruider, S. 4136
 Ruidisch, S. 1261
 Ruitenber, E. J. 4484
 Ruiz, H. 3709
 Ruiz, J. 3734
 Ruiz, M. L. 365
 Ruiz, R. S. 3310
 Ruiz-Palacios, G. 79
 Ruiz-Ruano, A. 4854
 Rumeau, J. L. 2913
 Rumley, R. L. 2834
 Rumyantsev, E. A. 3017
 Rungsiwongse, J. 2009
 Rupprecht, C. E. 47, 1421, 2155, 3000, 3431, 4322, 4819
 Ruprah, N. S. 2467, 3860
 Rush, B. A. 988, 1098, 1248
 Rush, J. 86
 Ruskin, J. 4166, 4807
 Russell, D. G. 138, 4940
 Russell, J. A. 326
 Russell, J. B. 1574
 Russi, E. 1736
 Russo, D. M. 1768, 2175
 Rustin, G. J. S. 3045
 Rutherford, I. 88, 1394
 Rüttiman, S. 5057
 Rwegoshora, R. T. 912
 Ryan, D. E. 335
 Rybakov, A. V. 3941
 Ryckelynck, J. P. 2044
 Rydlo, M. 2389
 Ryssen, J. B. J. van 2428
 Rytik, P. G. 4040
 Ryu, J. S. 154, 4440
 Rzepczyk, C. M. 2718
 Sá Lfrio, V. de 2128
 Saah, A. 1328
 Saatci, M. R. 4300
 Saatci, O. A. 3310
 Saavedra, R. 1376
 Sabatinelli, G. 1245, 3325, 4302, 4591
 Sabbatani, S. 2134
 Sabbidès, G. K. 3020
 Sabchareon, A. 1543, 4196
 Sabgaïda, T. P. 3227
 Sabolovic, D. 779
 Sacci, J. B., Jr. 436
 Sacco, B. di 3350
 Sachs, M. K. 1329
 Sacks, D. 7
 Sacks, D. L. 620, 3572, 4544
 Sadak, A. 1487
 Saddiki, A. 1520, 1879
 Saddiki, H. 1705
 Sadeler, B. C. 1570
 Sadick, M. D. 136, 3077
 Sadiqi, S. 1433
 Sadoff, J. C. 4021, 4464
 Sadoun, A. 2843
 Saeed, B. O. 1595, 2677, 3072, 4412, 4643
 Saeki, H. 3279
 Saeki, M. 394
 Saenz, R. E. 331
 Saffer, L. D. 2295
 Safjanova, V. M. 4270
 Safrin, S. 336
 Saf'yanova, V. M. 1491, 2202, 2776
 Sagar, P. 893, 4199
 Saglio, O. 3822
 Saha, A. K. 1059
 Saha, K. 4346
 Sahai, B. N. 1059, 1125
 Sahay, V. K. 3513
 Sahib, M. K. 1083
 Sahm, D. 4763
 Sahni, S. K. 1116, 3256, 3590
 Sahoo, N. 675
 Sahr, K. E. 3195
 Sahu, S. 3202
 Said, A. B. 2341
 Said-Fernández, S. 2245, 2460
 Saigenji, H. 2639
 Saimo, M. M. 2054
 Saimot, A. G. 1744
 Saint-Martin, G. 2023
 Saint-Paul, M. C. 1678, 2630, 3923
 Saint-Paul, U. 963
 Saint-Yves, I. F. M. 3285
 Saissy, J. M. 1658, 4216
 Saito, A. 1110, 1382
 Saitoh, M. 518
 Sajap, A. S. 4784
 Sakakibara, I. 4309
 Sakamoto, M. 652
 Sakatoku, H. 5012
 Sakauchi, R. 2980
 Sakellari, I. 4799
 Sakhuja, V. 4908
 Sakiti, N. 1749
 Sakra, N. 4596
 Sakulas, H. 458
 Sakurada, J. K. 174, 4423
 Sakurai, H. 1110
 Sakurai, M. 1278, 5012
 Salako, L. A. 1152, 4138, 5092
 Salama, Z. A. 4265
 Salas, A. 3810, 3911
 Salas-Galan, A. 2941
 Salata, E. 3532
 Salata, R. A. 3181
 Salaun, J. J. 1505
 Salazar, N. P. 4169, 4609
 Salceda, S. 4954
 Salcedo, M. 131, 4031
 Saleem, M. 28
 Saleem, T. H. 4306
 Salem, A. A. 3553
 Salem, H. A. 2081
 Saleque, A. 994, 3103, 3653, 3864
 Sali, S. A. 1595
 Salinas, G. 2766
 Salinas, G. H. 1417
 Salisch, H. 1257, 2857-2858
 Salles, J. M. 224
 Sallon, S. 2933
 Sallum, R. A. A. 203
 Salmela, P. 1703
 Salmón Puente, N. 3857
 Salomi, A. A. 669
 Salomies, H. 4225
 Salomon, N. 3477
 Salomone, S. 4186
 Salomonsson, P. 1000
 Salord, F. 1795, 3249, 5053
 Saloum, R. 4799
 Saltanova, N. P. 1797
 Salter, J. 373
 Saltzberg, D. M. 2643
 Salvá, F. 3911
 Salzberger, B. 3259
 Sam-Yellowe, T. Y. 280, 4573
 Samaddar, J. 1688
 Samadpour, M. 1464
 Samaha, H. 4762
 Samantaray, J. C. 976
 Samantray, J. C. 1664
 Samba, G. 2865
 Sambrano, G. R. 2612
 Samgina, E. V. 1836
 Sami, Z. 4724
 Samia, A. H. 3553
 Samish, M. 1611, 2457
 Samorn, M. 1993
 Sampaio, R. N. R. 1
 Sampaio, S. 1786
 Sampath, S. 4536
 Samra, H. K. 3545
 Samudio, M. 652
 Samuel, M. 2380
 Samuel, R. 835
 Samuelian, J. C. 1954
 Samuelsen, O. B. 1232
 Samuelson, J. 419
 Samuni, A. 2892
 Sanad, M. M. 3844
 Sánchez, C. P. 2422
 Sanchez, D. O. 262, 3623, 4954
 Sanchez, G. 1469
 Sanchez, P. A. 2206
 Sanchez, S. 4363
 Sanchez Albarran, A. 3403
 Sánchez-Andrade, A. 3457
 Sánchez-Toril, F. 2130
 Sanden, G. N. 949
 Sanders, C. J. 200
 Sanders, J. 5039
 Sandersleben, J. von 84
 Sandin, R. L. 1394
 Sandkamp, B. 2182
 Sanekata, T. 2996
 Sanford, S. E. 942, 1233, 4753
 Sang, D. 340
 Sang, D. K. 319
 Sangare, O. 1511
 Sangrai, P. 4450
 Sanguigni, S. 1213
 Sani, R. 1303
 Sani, R. A. 41, 2068, 4330
 Saniel, M. C. 4169
 Sannusi, A. 3201
 Sanogo, Y. 488
 Sanon, S. R. 853
 Sansonetti, P. J. 4354
 Sansoni, A. 2048, 3566
 Santi, D. V. 257
 Santi, S. M. di 1567
 Santomé, J. A. 4530
 Santoro, F. 251, 4047
 Santoro, S. 3473
 Santos, I. 433
 Santos, J. G. dos, III 2900
 Santos, J. L. V. 3375
 Santos, L. M. S. 243
 Santos, M. 4592
 Santos, M. A. M. 286
 Santos, M. L. V. 2716
 Santos, M. N. 4169
 Santos, R. R. dos 2722
 Santos, S. M. 3858-3859
 Santos da Silva, N. B. 3855
 Santos da Silva, N. R. 3856

- Santos Dias, J. A. Travassos 3893, 4128
 Santos-Gomes, G. 48
 Santos-Gomes, G. M. 314, 791
 Santos-Preciado, J. I. 3388
 Santrich, C. V. 1417
 Sanyal, A. K. 4205
 Sanyal, P. K. 720
 Sanyal, S. C. 973
 Sanyal, T. 4856
 Sanz, M. del M. 3041
 Saowakontha, S. 1115
 Sapak, P. 3195, 3286
 Sapelier, J. 2533
 Sar-Shalom, O. 3609
 Saraiva, E. M. B. 4987
 Saraljit Sehgal 2343
 Saran, R. 3381, 3513, 3648, 4840
 Saravanapavananthan, S. 1660
 Saravia, N. 1833, 4556
 Saravia, N. G. 1310, 1417
 Sardella, N. H. 1032
 Sardey, M. R. 3449
 Sarel, S. 2892
 Sargeant, P. G. 118, 240, 1835, 4553
 Sarkar, D. 299, 739, 4515, 4856
 Sarkar, S. 5102
 Šarkūnas, V. 520
 Sarode, R. 3557
 Sarov, B. 1801, 2944
 Sarov, I. 1801
 Sarrouy, J. 2836
 Sarthou, J. L. 1462-1463
 Sartorelli, A. C. 380, 1581
 Sartorius, C. 886
 Sarup, S. 3707, 4180
 Sarver, C. F. 533
 Sasai, K. 4993
 Sasao, M. 805
 Sasmal, N. K. 4634
 Satake, T. 586
 Satchidanandam, V. 178
 Sathar, M. A. 1778
 Sathoukasi, C. 2865
 Sato, J. 3098
 Sato, K. 4568
 Sato, M. 4505
 Sato, M. N. 2680
 Satpathy, S. K. 2241
 Sattabongkot, J. 4734
 Satti, M. 1493, 2952
 Satti, M. M. H. 2932
 Sattler, F. R. 336, 4623
 Sauch, J. F. 889, 4242
 Saudi Medical Journal 3285
 Sauerborn, R. 1037, 1039
 Sauerwein, R. W. 1144, 1817, 3679
 Saul, A. 265, 274, 1853, 2212
 Saul, A. J. 622, 3113, 3612, 4578
 Saulsbury, F. T. 2833
 Sauviere, J. F. 5097
 Sauveroché, B. 2208
 Savage, A. 4382
 Savant, R. L. 4233
 Savel, J. 363, 618, 1067, 1168, 1591, 1774, 1796, 2582, 3288
 Savini, G. 2319
 Savino, W. 2722
 Savoia, D. 1131, 1169, 2468, 2912, 4991
 Savva, D. 45, 93, 441, 938, 1044, 2543
 Savva, S. 977
 Sawadogo, M. 1602, 4191
 Sawadwongporn, P. 815
 Sawant, S. D. 141
 Sawaya, A. L. 989
 Sawyer, B. V. 3216
 Sawyer, T. K. 949, 4272, 4816
 Sawyer, W. H. 4575
 Saxena, A. K. 2384
 Saxena, M. 2384
 Saxena, N. 1116, 3256, 3590
 Saxena, Q. B. 2189, 3269
 Saxena, U. 2919, 3689
 Sayer, P. D. 854, 879, 1551
 Sayles, P. C. 631
 Sazama, K. 4122
 Sbravate, C. 4558
 Scaglia, M. 1045-1046, 1161, 4553
 Scaglione, L. 2037, 2942, 3566
 Scaife, J. G. 261, 1849
 Scampuddu, V. 3915
 Scanziani, E. 1702
 Scappatura, F. P. 1927
 Scarlata, F. 2047
 Scarpa, A. 3181
 Scarpa, B. 2311
 Scasso, A. 1171
 Schaad, U. B. 32
 Schaefer, F. W., III 528, 2462, 4243, 4672
 Schaefer, K. U. 4413
 Schaefferbeke, J. 2870
 Schaefferbeke, M. 2870
 Schäfer, U. 576
 Schaefingen, E. van 4924
 Schaller, J. 2252, 4927
 Schaller, M. D. 3922
 Schapira, A. 1540, 5082
 Scharfstein, J. 150, 4581
 Schaub, G. A. 310, 1619, 2734
 Schauer, R. 3638, 4925
 Schechter, P. J. 852, 2352-2353
 Scheepers, L. 2975
 Scheibel, L. W. 773
 Scheibenbogen, C. 2182
 Schein, E. 1009, 4995
 Scheld, W. M. 1652
 Schell, D. 242
 Schell-Frederick, E. 2875
 Schenck, F. J. 2441
 Schenker, W. 1528
 Schenkman, S. 3158, 3188, 3521, 4860
 Schenone, H. 27, 438
 Scherf, A. 1469, 3088, 3965, 4071, 4534
 Schetters, T. P. M. 3551
 Schettini, A. P. M. 4403
 Schegurenko, E. 5066
 Schiavich-Veraldi, R. 1669
 Schiavo, A. 1175
 Schijman, A. G. 4073, 4549
 Schillinger, D. 632
 Schiraldi, O. 3473
 Schlegel, M. 4067
 Schleim, K. D. 2821
 Schleim, Y. 1440
 Schlekewy, L. 3174
 Schlenz, E. 601
 Schmahl, G. 4136
 Schmatz, D. M. 3334, 4636
 Schmid, G. 1798
 Schmid, H. P. 1562
 Schmid-Hempel, P. 1354
 Schmidt, A. 310
 Schmidt, H. 4136
 Schmidt, M. 1804
 Schmidt, R. E. 714
 Schmidt, S. P. 2732
 Schmidt-Ullrich, R. 4837
 Schmidová, D. 2970, 3656
 Schmit, J. L. 2865, 3713
 Schmitt, M. 349, 4094
 Schmitt-Wrede, H. P. 192, 3541
 Schmoor, P. 3527
 Schmunis, G. 2499
 Schmuñis, G. A. 2544
 Schneider, D. 2835, 3262
 Schneider, I. 1410, 1608, 3988, 4021
 Schnitman, S. M. 4814
 Schnitzer, B. 4909
 Schnur, L. F. 48, 771, 844, 935, 4443
 Schoenberger, O. L. 3151
 Schoenmakers, J. G. G. 2765, 4408
 Schöffel, I. 1009
 Schofield, L. 623, 4455
 Schofield, P. J. 3574
 Schollam, L. 3885
 Scholtes, N. 3551
 Schönefeld, A. 878
 Schönefeld, H. J. 3515
 Schonwald, S. 2417
 Schoone, G. J. 437, 3603, 4981
 Schorr, M. S. 545
 Schott, M. J. 3229
 Schottelius, J. 1156, 4928, 4937
 Schouten, E. 5039
 Schowing, J. 5107
 Schrag, S. J. 1755
 Schrager, L. 2380
 Schrager, L. K. 1328
 Schramm, V. L. 1847
 Schrappe-Bäcker, M. 1193
 Schravendijk, M. R. van 3093, 4673
 Schreiber, M. 1849
 Schreurs, W. H. P. 1115
 Schrével, J. 1143, 1366, 2691, 2782
 Schrey, C. F. 1026
 Schriever, M. E. 436
 Schrijvers, D. 145
 Schrottenbaum, M. 2039
 Schubert, C. M. 2194
 Schubert, S. 3385
 Schuberth, H. J. 147
 Schuetterle, A. 491, 495, 499, 797
 Schuhmann, G. 464
 Schüler, D. 4684
 Schuler, F. 4433
 Schulze, K. 1673
 Schuster, B. 4726
 Schuster, F. L. 4655
 Schuster, W. 4726
 Schuurkamp, G. J. T. 2864
 Schuurman, H. J. 4805
 Schwander, S. 1193
 Schwarcz de Tarlovsky, M. N. 387
 Schwartz, D. A. 4790
 Schwartz, E. 2847
 Schwartz, I. K. 1410, 4624
 Schwartz, R. E. 4636
 Schwartzbrod, J. 3207
 Schwartzman, J. D. 1892, 2295
 Schwarz, R. T. 221, 1856, 4521
 Schwarzer, C. 1562
 Schweigmann, N. J. 522, 2306, 4595
 Schweitzer, B. 2253
 Schweitzer, B. I. 1924
 Schweizer, J. 603
 Scoleri, G. 2525
 Scott, G. R. 2987
 Scott, J. 892, 2392, 4811
 Scott, J. A. G. 3845
 Scott, J. R. 664, 2169, 2668
 Scott, K. N. 5120
 Scott, P. 1069, 4011
 Scott, P. C. 2592
 Scott, S. D. 2505
 Scotti, S. 4292
 Scoular, A. 2135
 Scozzoli, M. 1001
 Scrappe, M. 3259
 Scro, R. A. 560
 Scrutton, N. S. 3153
 Šdračiková, J. 4296
 Seamer, L. C. 4988
 Sebastian, A. 181
 Sebastiani, A. 1213
 Sébastien, P. 4222
 Sebesteny, A. 3326
 Seck, M. 1658
 Seckler, R. 4523
 Sedegah, M. 4858
 Sedlaczek, J. 3439
 See-Yong, W. 2096
 Seebeck, T. 595, 2759, 3062, 4406
 Seefeldt, S. L. 1091
 Seesod, N. 4541
 Segawa, K. 4426
 Segondy, M. 3984
 Seguela, J. P. 1505-1507, 2913, 3953, 3997, 4049
 Segura, C. 1787
 Segura, E. L. 171, 2306, 3213, 3415, 3664
 Segura, I. 2315, 4556
 Sehgal, D. 4947
 Sehgal, P. K. 3380
 Sehgal, P. N. 1896
 Sehgal, R. 2794, 2797, 3430, 4998
 Sehgal, S. 2343, 2935, 3649, 3799, 4870
 Seidlin, M. 2848
 Seifert, H. S. H. 4789
 Seitz, H. M. 1528, 2898, 5122
 Seitz, J. F. 2631
 Seker, R. 397
 Seksarn, P. 4473
 Selkirk, M. E. 3782
 Selkon, J. B. 2785
 Selub, S. E. 2886
 Selva, V. 2503
 Selvaggi, K. 342
 Selvam, R. 3650, 5064
 Selvarajan, K. 835
 Selzer, P. M. 4564
 Semenova, L. A. 3753
 Semenyuk, P. P. 1005, 1293
 Semenyuk, E. I. 2958
 Sempala, S. K. 1044
 Sen, A. B. 2384, 2796, 3381, 3513
 Sen, B. K. 2017
 Sen, D. 972
 Sen, G. P. 3331
 Sen, P. C. 1407
 Sen, R. 3380
 Sen, S. 3556
 Senay, H. 4
 Seneviratna, P. 2319
 Senga, P. 3821
 Sengupta, S. R. 440
 Senne, D. A. 544
 Senoh, K. 472
 Senouki, K. 3297
 Seow, W. K. 1485, 1813
 Sepkowitz, K. 2644
 Sepkowitz, K. A. 3042, 3913
 Sepp, T. 271
 Sepulveda C., C. 4368
 Squeira, R. P. 1227
 Sergiev, V. P. 1679, 2553
 Sergeantson, S. W. 2711
 Serpente, P. 4068
 Serre, A. 3984
 Seru, V. 86
 Serulifira, A. 15
 Service, M. W. 3215
 Servin, A. L. 780
 Šěry, V. 2016
 Seshadri, S. J. 542
 Sessa, P. A. 4612
 Sethi, A. 2690
 Sethi, K. K. 4810
 Sethi, N. 1686, 4736, 4859
 Sethi, N. K. 1895
 Sett, R. 4656
 Settnes, O. P. 110
 Setzer, P. Y. 1632
 Seu, Y. S. 3876, 3894
 Seventer, G. A. van 285
 Severn, A. 849, 4015
 Seville, R. S. 2581, 4327
 Sewell, K. B. 558
 Seyfang, A. 725, 1439
 Seyoum, A. 3
 Sferco, L. 2422
 Sgarlato, G. 3539
 Shaddock, J. A. 101, 527, 2160, 3424
 Shafi, Y. 3627
 Shafran, S. D. 4800-4801
 Shah, H. L. 1884, 3669, 5014, 5144
 Shah, S. 675
 Shahabuddin, M. 1849
 Shaharom, F. 1053
 Shahi, S. K. 4017
 Shahib, G. 4261
 Shaio, M. F. 4299
 Shakib, S. O. 2799, 4215
 Shakibaei, M. 4410
 Shakra, N. 4728
 Shalaby, S. I. 593
 Shambwana, I. A. 508, 686
 Shami, M. J. 2230
 Shanavas, K. R. 67
 Shandil, R. K. 166, 2738, 4852

- Shanks, G. D. 344, 1547, 4224, 5049, 5054
 Shannon, M. 2417
 Shapiro, B. A. 2139
 Shapiro, M. A. 3229
 Shapiro, S. Z. 4513
 Sharar, A. K. 3180
 Sharifah-Azian, B. S. Y. 666
 Sharma, J. D. 3986
 Sharma, M. 2526, 4017
 Sharma, M. C. 3381, 3648, 4840
 Sharma, M. P. 2723
 Sharma, N. N. 1183, 4150, 4153
 Sharma, P. 1685, 2477, 3967, 4896, 4982
 Sharma, R. C. 400, 2126, 2317, 3676
 Sharma, R. D. 182, 693, 932, 2803, 3707, 3987, 4180
 Sharma, R. S. 1968
 Sharma, S. 26, 1223, 4536
 Sharma, S. D. 608
 Sharma, S. K. 2526
 Sharma, V. P. 141, 400, 5076
 Sharma, Y. D. 141, 1477, 4057
 Sharon, N. 1777
 Sharples, D. J. 1267
 Shastri, U. V. 3426
 Shatova, S. M. 1491
 Shaw, A. P. M. 492, 2345
 Shaw, D. P. 3434
 Shaw, E. 1139, 4059, 4506
 Shaw, J. J. 822, 825, 1092, 1292, 1393, 1882, 2031, 3009, 3390, 4373
 Shaw, K. T. Y. 1362
 Shaw, M. 3710
 Shaw, M. A. 1387
 Shaw, M. K. 228, 2251, 2733, 3762
 Shaw, M. M. 4198
 Shaw, S. 285
 Shear, H. L. 289
 Shearer, G. M. 1102, 3980
 Shears, P. 5150
 Sheehan, P. 4228
 Sheen, I. S. 4293
 Shehata, M. 2327
 Shehata, M. G. 4126
 Shehu, K. 4135
 Sheikh-Omar, A. R. 2062, 4330
 Sheikh, A. K. 1238
 Shields, J. D. 2106
 Shekhawat, V. S. 712
 Shelhamer, J. H. 1542
 Sheller, J. P. 1656
 Shellito, J. E. 863, 2183
 Shelly, S. 210
 Shen, J. L. 2684
 Shen, S. K. 1400, 3180
 Shen, W. X. 3903
 Shenton, F. C. 1810
 Shepard, D. S. 1037-1039, 4785
 Shepard, R. M. 339
 Shepherd, S. A. 3445
 Sher, A. 1102, 3970, 4014
 Sheria, M. 491, 499, 708, 834, 2057
 Sherman, D. R. 1150
 Sherman, I. W. 287, 3129, 4570-4571
 Sherman, J. K. 2329
 Sherwood, J. A. 1410
 Shetty, N. 4731
 Shi, L. Z. 2576
 Shi, M. Q. 1058, 1752, 2585, 2737, 2756
 Shi, X. B. 2661
 Shi, Y. P. 1871
 Shi, Z. M. 1191
 Shiba, T. 1082
 Shiels, B. 2724, 3761
 Shiels, B. R. 250
 Shiels, I. A. 4028
 Shiels, P. G. 749
 Shillington, D. C. 36
 Shimada, A. 2996
 Shimada, K. 1558
 Shimizu, S. 4312
 Shimura, K. 4312
 Shin, C. O. 4436
 Shin, M. S. 2637
 Shinka, S. 699
 Shiota, T. 936
 Shiotani, N. 1716
 Shirohata, T. 3985, 4416
 Shirasaka, R. 3004, 3098
 Shirley, M. W. 274
 Shkap, V. 409, 1077, 1409, 1779, 1919, 1995, 2014, 2217
 Shlim, D. R. 1273, 4230
 Shlomai, J. 1440
 Shlosberg, A. 392, 3740
 Shoenfeld, Y. 2669-2670
 Shoismatulloev, B. Sh. 2959
 Shon, B. Y. 367
 Short, S. 561, 1722
 Shovlin, J. 3805
 Shreffler, W. G. 3074
 Shrimpton, R. 3560
 Shriner, K. 5060
 Shrinivas 827
 Shrivastava, H. O. P. 5144
 Shu, Y. C. 3865
 Shukla, G. 1414
 Shukla, M. M. 2398
 Shukla, O. P. 3575, 4944, 5108
 Shukla, P. C. 693, 932
 Shukla, S. K. 3125
 Shul'man, B. S. 1509
 Shulman, I. A. 3224, 3808
 Shults, L. M. 2581, 4327
 Shuto, K. 3427
 Shwe, T. 1135
 Shyam, K. 1581
 Shykoff, J. A. 1354
 Sibley, L. D. 1068, 1861, 2768, 3611
 Sibomana, G. 3105
 Siddall, M. E. 944, 4380, 4832, 4834, 5022
 Siddig, M. 36
 Siddig Ali, M. 2952
 Siddiqui, W. A. 1082
 Siddiqui, Y. 1433
 Siderides, E. 2230
 Sidhu, G. S. 2517
 Sidhu, P. S. 2950
 Sidibé, I. 1839
 Sidibe, I. 2226
 Sidibe, T. 1291
 Sidner, R. A. 122
 Sidrak, W. 4215
 Sidwell, R. W. 579
 Sieber, F. 847
 Sieling, W. L. 2434
 Sifri, C. D. 4077
 Sigler, L. 2094
 Sigman, D. S. 4965
 Sigulem, D. 989
 Siigur, U. 4207
 Siim, C. 2955
 Silamut, K. 195, 3722
 Silayo, R. S. 855, 2394
 Sileghem, M. 697, 3067, 4472
 Silva, A. 1318
 Silva, A. L. 2729
 Silva, A. L. F. F. da 812, 823
 Silva, E. F. 3091
 Silva, J. E. 1502
 Silva, J. S. 139, 2678, 2722
 Silva, J. S. da 1823
 Silva, K. T. 1247, 3745
 Silva, L. P. da 3963, 4534
 Silva, M. E. C. 4848
 Silva, M. H. da 173
 Silva, Marcelo. E. 4848
 Silva, Marcio. E. 4848
 Silva, N. R. dos S. 3881
 Silva, N. R. S. da 993, 2591, 2719
 Silva, P. L. da 1012
 Silva, P. P. da 417, 1056
 Silva, S. G. 4581
 Silva, Y. 131
 Silva Neto, I. D. da 601
 Silva Paranhos, G. da 4402
 Silva-Pereira, A. A. 4579
 Silva-Pereira, M. C. D. 791, 4443
 Silvany, R. 2249
 Silvany, R. E. 1986, 4348, 4483
 Silveira, C. 3344
 Silveira, F. T. 825, 1292, 2031, 3009, 3390
 Silveira, I. 390
 Silveira, J. F. da 3069
 Silveira, T. C. P. 1826
 Silveny, R. 2248
 Silverman, C. 1818
 Silvers, D. N. 2554
 Silvestrelli, L. 1002
 Sim, B. K. L. 4858
 Sima, F. O. 792, 5036
 Simão, F. 1540
 Simarro, P. P. 5036
 Simarro Pere, P. 2346
 Simjee, A. E. 1778
 Simm B. K. L. 3507
 Simmaro, P. P. 792
 Simmons, A. V. 3842
 Simões, A. P. 4098, 4572
 Simomura, S. 3353, 3356
 Simon, D. 3347, 3912, 3924
 Simon, F. 388-389, 3317
 Simon, J. 1805
 Simonetti, N. 1973
 Simoni, L. 5057
 Simons, S. M. 2521
 Simpkins, H. 4228
 Simpson, A. M. 3147
 Simpson, D. 5050
 Simpson, L. 1869, 2274, 2760, 3147, 4965, 4974, 5129
 Simpson, V. R. 63, 2079
 Sims, R. 2787
 Sin, Y. M. 4129
 Sina, B. 4116
 Sinagra, A. 171
 Sinagra, A. J. 3415
 Sinani, H. M. 1324, 1550
 Sinard, J. H. 4920
 Sinda, D. 2326, 2443
 Sinden, R. E. 446, 3547, 4899, 4986
 Singari, N. A. 3872
 Singer, B. 1564
 Singer, F. 193
 Singh, A. 2042, 5033
 Singh, B. 4742
 Singh, B. B. 2335-2336
 Singh, D. K. 1822
 Singh, G. 1968
 Singh, G. P. 1246
 Singh, K. 166, 968, 4224
 Singh, K. P. 1884, 5014
 Singh, M. 530, 1750, 4869
 Singh, N. 502, 2398, 5015
 Singh, O. P. 5015
 Singh, P. P. 3508
 Singh, R. K. 4736
 Singh, R. P. 2976
 Singh, S. 976, 5010
 Singh, S. V. 502
 Singh, U. 3380
 Singh, V. 712, 1133
 Singha, U. K. 3513
 Singhasivanon, V. 4196
 Singkamani, R. 1126
 Singla, N. 2301, 4524
 Singleton, G. 1023
 Sinha, A. K. 2362, 3428, 4383
 Sinha, A. N. 4861
 Sinha, B. K. 3428
 Sinha, B. P. 2082
 Sinha, P. K. 4634
 Sinha, R. 3799
 Sinha, S. P. 3648
 Sinha, S. R. P. 1059, 2082, 4383
 Sinha, V. K. 2082
 Sinicco, A. 2912
 Sinigaglia, E. 1095, 3908, 4449
 Sinigaglia, F. 4420
 Siński, E. 115
 Sinyangwe, L. 4642
 Siopathis, R. M. 1680
 Sipahimalani, A. T. 1578
 Sipka, S. 3302
 Siracusano, A. 2187
 Sirawaraporn, R. 257
 Sirawaraporn, W. 257, 4509
 Sireci, G. 845
 Sirera, G. 3040, 4155
 Sirichokchatchawan, S. 2817-2818
 Sirimbo, M. 1680
 Sirinavin, S. 31
 Sirodot, M. 5053
 Sironi, G. 1027, 1702
 Sirotiyuk, N. P. 5026
 Sirtori, M. 2899
 Sisay, F. 4685
 Siswansyah, D. D. 997
 Siti, A. Z. 66, 328
 Sitja-Bobadilla, A. 3488
 Situbi, A. P. 1515
 Sivanandan, S. P. 40
 Siwek, J. 2369
 Sixl, W. 464
 Sizeland, P. 4213
 Sjöberg, K. 152, 3955
 Sjoerdsma, A. 374, 852, 2353
 Sjölander, A. 3088
 Skalko, N. 3084
 Skand, D. L. 533
 Skarlato, S. O. 1333
 Skinhoj, P. 1981, 3044
 Skinner, J. C. 479, 1108, 4020, 4624, 4734
 Skinner, J. T. 1229
 Sklar, L. A. 4988
 Skoutelis, A. 2139
 Skowronek, A. J. 3863
 Skřivánek, M. 4744
 Slade, J. 3337
 Slade, J. S. 1610
 Slajchert, T. 3982
 Slater, A. F. G. 1441, 3582
 Slater, P. E. 2946
 Sleath, P. R. 3074
 Sleight, R. G. 4238
 Slife, L. N. 1304, 3871
 Slifkin, M. 752
 Ślinko, B. 2572
 Slizewicz, B. 1805
 Sloan, D. 2313
 Slomianny, C. 597, 4829
 Sloof, P. 750
 Slotboom, A. B. 1568
 Slotboom, A. J. 298
 Slowik, M. 3642
 Smail, A. 3704
 Smaldone, G. C. 2887
 Small, E. B. 3890
 Smallwood, R. A. 2726, 4486
 Smedman, L. 1324
 Smeets, J. F. M. 1396
 Smego, R. A., Jr. 470
 Smet, M. D. de 3464
 Smet, S. de 3867
 Smialowicz, R. J. 2211
 Smikle, M. F. 2940
 Smilack, J. D. 3304
 Smiley, R. L. 1653
 Smillie, A. 4430
 Smit, W. M. 966
 Smith, A. L. 356
 Smith, C. D. 282, 4494
 Smith, D. 3685
 Smith, D. B. 3045
 Smith, D. D. 1415
 Smith, D. E. 3247
 Smith, D. F. 4978
 Smith, D. H. 75
 Smith, E. 1355, 3930
 Smith, G. 4430
 Smith, G. A. 3321-3322
 Smith, H. 287, 3129
 Smith, H. J. 2983
 Smith, H. V. 19, 356, 1709, 2786, 3206, 3652
 Smith, J. 2821
 Smith, J. E. 829, 1891, 4326
 Smith, J. L. 4120
 Smith, J. W. 770, 2146, 4198, 4259
 Smith, K. 229
 Smith, K. C. 2390
 Smith, K. E. 4104
 Smith, L. E. 138
 Smith, M. E. 3378
 Smith, M. J. 1425

- Smith, O. M. 847
 Smith, P. D. 3478
 Smith, P. G. 1806, 3206
 Smith, R. 4578, 4992
 Smith, R. D. 4111
 Smith, R. F. 439
 Smith, S. A. 3522
 Smith, S. E. 1485
 Smulian, A. G. 2679, 4793
 Smythe, J. A. 674
 Snellen, W. B. 1268
 Snewin, V. A. 1469, 3950
 Sng, E. H. 2548
 Sniezek, M. J. 2183
 Snijders, J. M. A. 1396
 Snounou, G. 4977
 Snow, R. 1431
 Snow, R. W. 1549, 1810, 4685
 Snow, W. F. 831, 2283, 2358, 3516
 Snyder, D. E. 1962
 Snyder, S. J. 3140
 So, M. 1137
 Soan, V. 5015
 Soares, L. R. B. 3971
 Soares, M. B. M. 4558
 Soares, M. J. 1165, 2149, 3633, 4095
 Soave, R. 10, 3763, 3914, 4796
 Sobel, J. 4203
 Sobel, J. D. 1657
 Socaciu, C. 2437
 Socha, J. 115
 Sodhi, S. 1226, 4903
 Soefjan Tsauri 4190
 Sofi, B. A. 4982
 Sogayar, M. I. L. 4378-4379
 Sogayar, R. 3532
 Sogoloff, H. 2644
 Soh, C. T. 30
 Sohal, S. K. 267
 Sohanpal, B. 4687
 Sokó, R. 62, 2572
 Sokolova, Yu. Ya. 2223
 Solanki, P. K. 5144
 Solar H., F. del 4368
 Solari, A. 1149, 1448, 3177, 3339
 Solary, E. 3718
 Solarz, N. D. 5027
 Soldan, A. W. 1534
 Solduga, C. 1738
 Solé-Cava, A. M. 2149
 Soley, J. T. 2064
 Solheim, E. 1232
 Soliman, A. A. 1113
 Soliman, M. A. I. 970
 Solis, F. J. 111
 Solis, J. 1230
 Sollner-Webb, B. 1476, 4076
 Solomon, D. 5135
 Solon, S. 5133
 Solonchenko, A. I. 2027
 Solorzano-Salgado, M. 2573
 Solov'ev, Yu. F. 2957
 Solter, L. F. 2108
 Solyom, S. 2386
 Somaini, B. 5055
 Soman, J. P. 755
 Some, J. 494
 Sommer, J. M. 4930
 Somplo, B. 1993
 Sondorp, E. 1493
 Sones, K. R. 933, 2357, 2359, 2404, 2406
 Song, J. Y. 133
 Song, X. L. 42
 Songa, E. B. 651, 4453
 Songsomboon, S. 4541
 Sonoda, M. 4580
 Sooksri, V. 920, 3493
 Sopp, P. 1800
 Sorber, C. A. 3205, 3229
 Sordet, D. 2557
 Sorg, T. B. 3259
 Soriano, J. C. 2642
 Sorice, F. 4359
 Sorice, M. 4359, 4841
 Sormmani, S. 1913-1914, 4289
 Soro, B. 3839
 Sors, C. 2147
 Sosa, R. 2645
 Sosa-Stani, S. 3664
 Sossou, E. C. 3813
 Sota, T. 4113
 Soteriadou, K. P. 4054
 Soto, M. 3610
 Sotó C., A. 3655
 Sotrel, A. 4797
 Soubeyrand, J. 2522
 Soula, G. 940, 1511, 4049
 Soulez, B. 4829
 Soulier-Lauper, M. 3463
 Soulsby, E. J. L. 3028, 4353
 Soulsby, Lord 3028
 Souquet, P. J. 3397
 Šourek, J. 3790
 Sousa, W. P. 3186
 South African Journal of Science 959, 2020
 Southwell, B. 2188
 Souto-Padrón, T. 3161, 3586, 3633
 Souza, A. A. 822, 1292
 Souza, A. A. A. 825, 3009
 Souza, A. A. de 2031
 Souza, A. E. 3621, 4543
 Souza, A. M. C. de 2128
 Souza, D. R. S. 3375
 Souza, H. B. W. T. de 4112
 Souza, J. M. de 126
 Souza, W. de 243, 286, 1056, 1165, 2149, 3137, 3161, 3172, 3586, 3633, 4095, 4349, 4983, 4987
 Souza Dias, R. M. D. 2304
 Souza-Leão, S. M. 173
 Soveri, T. 1743, 2804, 2971
 Sow, S. 1951
 Sowden, D. 2627
 Sowunmi, A. 4138, 5092
 Spadazzi, A. P. 3797
 Sparkes, A. H. 2578
 Sparks, A. K. 550
 Sparling, T. G. 2651
 Speaker, M. 5111
 Spearing, R. L. 4213
 Speck, B. 2850
 Spector, S. A. 3048
 Speer, C. A. 47, 569, 587, 960, 1615, 3871
 Speich, R. 1736
 Spek, H. van der 750
 Spelta, A. 2899
 Spencer, D. F. 255
 Spencer, H. C. 2547
 Spencer, L. 622, 2212
 Spencer, P. 3588
 Sperandeo, N. 4139
 Sphar, H. 423
 Sphon, J. A. 4665
 Spice, W. M. 4554
 Spiegel, R. 3075
 Spieker, C. 2376
 Spiess, A. J. 896
 Spinella, S. 700, 1790, 4901
 Spínú, M. 2386
 Spínú, O. 2235
 Spira, D. T. 2892
 Spitalny, K. C. 2033, 3667
 Spithill, T. W. 238, 2185
 Spitzer, R. D. 1741
 Spooner, P. R. 4687
 Spooner, R. L. 1384, 4465
 Spósito Filha, E. 3858-3859
 Sprengel, G. 2234
 Springer, T. A. 2783, 3563
 Springer, W. T. 1714
 Squadrini, F. 2382
 Squire, S. B. 93
 Squires, K. E. 3312
 Sramkoski, R. M. 4238
 Srebniak, H. H. 3733
 Sridhar 2803
 Srivastava, C. P. 720
 Srivastava, D. K. 4944
 Srivastava, I. K. 1804
 Srivastava, N. K. 1223
 Srivastava, P. 2247, 3119
 Srivastava, P. S. 1059, 2082, 4383
 Srivastava, R. K. 4859
 Srivastava, R. V. N. 3550
 Srivastava, V. 1922
 Srivastava, M. 2901
 Sruoga, A. A. 3192
 Stables, G. I. 3842
 Stach-Machado, D. R. 174
 Stadnick, M. E. 2844
 Stagg, D. A. 679, 4026
 Stalheim, O. H. 211
 Stalker, R. 2786
 Stallard, K. 3800
 Stamenkovic, I. 2218
 Stanfill, P. S. 479, 4020
 Stanley, S. L., Jr. 1852, 1872, 2767, 3097
 Stanton, N. L. 2581, 4327
 Stanton, T. L. 5112
 Stanwell-Smith, R. 2787
 Staunton, D. E. 3563
 Stebler, E. 1399
 Steele, A. D. M. 3373
 Stefano, J. A. de 4238, 4518
 Štefanovič, J. 4496
 Steffen, R. 1172, 1930, 2929, 3691, 4616, 5055
 Steffens, W. L., III 3015
 Steiger, R. 503
 Steimann, R. 3755
 Stein, C. M. 3688
 Stein, D. S. 1931
 Stein, H. 4862
 Stein, M. 2831
 Stein, M. A. 3087
 Stein-Streilein, J. 2470
 Steinberg, C. 5147
 Steindel, M. 4329
 Steinert, M. 4964
 Steinhagen, D. 1349, 1751, 5143
 Steinkraus, G. E. 2527
 Steinkraus, H. B. 1481, 4084
 Stellbrink, H. J. 1193, 3935
 Stem, E. C. 2989
 Stemberger, H. 276
 Stermerick, D. M. 374
 Stenson, S. M. 101
 Stenzel, D. J. 108, 1061
 Stepanova, N. I. 187
 Stephens, E. B. 260, 1474
 Štěrba, F. 1259
 Sterling, C. R. 580, 830, 4418
 Stern, J. J. 2841
 Stern, M. 3465
 Sternberg, M. J. E. 3564
 Stetler, H. C. 3388
 Steudel, A. 4170
 Steurer, F. 3808
 Stevens, D. P. 8
 Stevens, J. R. 4092, 4551
 Stevens, P. J. 473
 Stevens, R. C. 1931
 Stevenson, M. M. 155, 1362, 2710, 3540
 Stewart, C. G. 480, 2064, 2730
 Stewart, G. L. 4348, 4483
 Stewart, J. M. 431, 2547
 Stewart, M. H. 5120
 Stewart, M. J. 774
 Stewart, S. 4811
 Stewart, T. S. 410, 5125
 Stewart, V. A. 1026
 Stierhof, Y. D. 3154
 Stiffel, C. 1405
 Stillborn, H. L. 1229
 Stiles, J. K. 2331
 Stiller, D. 1628, 1996
 Stirling, G. R. 2501
 Stobbe, N. S. 2719
 Stockert, J. C. 4240
 Stocks, N. I. 3980
 Stoeckle, M. Y. 2142
 Stoffregen, D. A. 3018
 Stolf, H. O. 2314
 Stolf, N. 2860
 Stolle Research and Development Corporation 5038
 Stoller, J. S. 2129
 Stolte, M. 4366
 Stoltz, W. H. 3660
 Stoltz, A. C. 1807
 Stool, E. W. 2638
 Stoppani, A. O. M. 387
 Storey, J. 2518
 Storino, R. A. 4034
 Stoskopf, M. K. 4369
 Stotts, V. D. 4339
 Stout, S. J. 396
 Stover, D. E. 2914
 Stover, J. 3534
 Stovin, P. G. I. 4811
 Stowers, A. 1853
 Straaten, H. M. O. van 966
 Straford, M. B. 796
 Strain, G. M. 5116
 Straka, Š. 4296
 Strandén, A. M. 2289
 Strating, M. 2268
 Strecker, W. 3757
 Strelkova, M. V. 1827, 2316, 4560
 Strgar, F. 4498
 Strickland, G. T. 4265
 Stringer, J. R. 2679
 Strippoli, V. 1973
 Štříž, J. 4744
 Strobel, J. G. 1850
 Strocher, V. L. 3087
 Stroppolini, T. 2311
 Strosselli, M. 1045-1046, 1161
 Struchiner, C. J. 4588
 Stuart, K. 252, 258, 1869, 2270, 2774, 3166, 3618, 3620-3621, 3624, 4072, 4542-4543, 4948, 4961
 Stuart, K. D. 745
 Stüber, D. 179
 Studemeister, A. 1274
 Stumm, C. K. 3022
 Stürchler, D. 3690, 4890
 Sturm, N. 5129
 Sturm, N. R. 2274, 2760
 Sturtevant, F. C. 3435
 Stutzin, M. 27
 Stuve, G. 3244
 Stuyft, P. van der 1504
 Su, Y. P. 983, 3268
 Suarez, C. E. 1474
 Suarez T., M. 309
 Subauste, C. S. 2672
 Subianto, B. 352
 Subramanian, G. 1793, 3550
 Subramanian, S. 430, 3202, 3348
 Subramanyam, V. R. 3512
 Sucharit, S. 311, 1644-1646
 Suckow, M. A. 4418
 Sudhan, N. A. 4321
 Sudre, P. 2819
 Sueblinwong, T. 4541
 Suesebang, L. 421
 Suffredini, A. F. 1542
 Sufirin, J. R. 896
 Sugahara, K. 4855
 Sugár, L. 3498
 Sugarman, B. 1146
 Sugathan, N. 4644
 Sugimoto, C. 1385, 2673, 4505, 4529
 Suh, S. 1687
 Suhrbier, A. 659, 1808
 Suilitzeanu, A. 771
 Sukhanova, N. V. 4210
 Sukhareva, N. N. 4210
 Sukura, A. 1743, 2804
 Sulaiman, I. 556
 Sulaiman, L. H. 2049
 Šulcová, I. 1259
 Suleimanov, G. D. 2962
 Sullitzeanu, A. 844
 Sullivan, J. 4020, 4734
 Sullivan, J. J. 429, 431
 Sullivan, P. B. 2197
 Sultana, M. 3853
 Sulzer, A. J. 629
 Sumaya, C. V. 2310
 Sun, B. G. 1958
 Sun, J. L. 3535-3536
 Sun, T. 599
 Sun, Y. K. 1191
 Sun, Z. A. 3346
 Sundberg, R. J. 3292

- Sundemann, C. A. 865, 1309, 4315
 Sung, R. T. M. 2686
 Suntharasmai, P. 3641
 Sunyatsutcharae, B. 2990
 Supamattaya, K. 1128, 2157
 Suresh, K. 2049, 3978, 4246
 Suresh, R. V. 1295, 1689
 Suriyamongkol, V. 1547
 Sutar, N. K. 1999, 5109
 Sutehall, G. M. 4878
 Suter, M. M. 2656
 Suteu, E. 1294
 Suteu, E. 2386-2387
 Sutherland, D. V. 633
 Sutherland, I. A. 358, 2361, 2452, 5085, 5089
 Sutton, R. G. 4724
 Suvamvasi, P. 596
 Suvorov, A. P. 2377
 Suwonkerd, W. 4688
 Suzigan, S. 3375
 Suzuki, H. 902
 Suzuki, K. 4469
 Suzuki, M. 639, 3068, 3099
 Suzuki, N. 472, 1110, 1382
 Suzuki, Y. 1099, 1398, 1401, 1541, 3066, 3539
 Švandová, I. 1030
 Švec, R. 4336
 Sverlow, K. W. 2237
 Švický, E. 4491
 Svobodová, V. 3870
 Swai, A. B. M. 2408
 Swarbrick, O. 1925
 Swardt, D. H. de 3436
 Sweeney, A. W. 592, 1606, 3760
 Sweet, R. M. 3152
 Swellengrebel, N. H. 1268
 Swerczek, T. W. 3342
 Świątkowska, E. 115
 Swinkels, B. W. 1866
 Swiss Group for Clinical Studies on AIDS 5057
 Syafruddin 3765
 Sydder, T. 648
 Sýkora, J. 4448
 Sýkora, J. L. 3205, 3229
 Synge, B. 537
 Synge, B. A. 1603
 Sypek, J. P. 635, 3972
 Sytkin, A. B. 4210
 Sysoev, V. V. 4560
 Szcepel, B. 2207
 Szegedi, G. 3302
 Szelągiewicz, M. 62, 2572
 Szilágyiová, M. 4296
 Sztejn, M. 1773, 3954
 Sztejn, M. B. 117, 698, 2219, 4475
 Szumlewicz, A. Perlowagora-3219
 Szych, C. M. 3474
 Tabel, H. 2265, 3108
 Taboada, J. 2084
 Tabone, M. D. 2694
 Tachibana, H. 764, 805, 1883
 Tada, M. S. 1525-1526
 Tadić, M. 220
 Tadic, N. 996, 3104
 Tafuri, W. L. 4415
 Tai, J. H. 1041
 Taibi, A. 127, 4405
 Taichinov, U. G. 1297
 Taillan, B. 3816
 Taillan, F. 1955-1956
 Taillandier, J. 1676
 Tailoi, C. L. 4918
 Tairbekov, M. G. 1638
 Tait, A. 250, 1355, 1917, 2605, 2724, 3761
 Taiwo, V. O. 795
 Tak-Seng, L. 2096
 Takabayashi, T. 3223
 Takács, B. 179, 261
 Takacs, B. 1804, 3515, 4420, 4890
 Takahashi, K. 4580
 Takahashi, Y. 5117
 Takamoto, K. 2078
 Takaoka, H. 301
 Takasu, N. 4855, 4877
 Takayama, T. 2463
 Takayangi, T. 1066
 Takehara, H. A. 3510
 Takei, F. 2218
 Takekoshi, M. 764
 Takenaka, A. 2979, 3400
 Takeuchi, A. M. 4562
 Takeuchi, T. 805, 1883, 2754, 3223
 Takiguti, C. K. 4112
 Takken, W. 1268
 Takle, G. B. 4963
 Talavera, W. 193, 3477
 Talbot, J. A. 3644
 Taleb, S. A. A. 1113
 Tall, O. 488
 Talluri, M. V. 598, 4997
 Talwar, G. P. 463
 Tam, L. Q. 1082
 Tama, E. 678
 Tamagusuku, H. 718
 Tamalet, C. 1680
 Tamas, T. 2821
 Tamashiro, W. M. S. C. 4423
 Tamayo, C. L. 2416
 Tamboura, I. 494
 Tambrallo, L. J. 4842
 Tamburrini, E. 2187
 Tamir, I. 5066
 Tan, H. W. 2853
 Tan, S. K. 541, 596
 Tan-ariya, P. 3330, 4260
 Tanabe, K. 357, 1136, 1196, 2862, 3600
 Tanabe, M. 3223
 Tanaka, T. 805, 1587
 Tandoğlu, R. 4167
 Tandon, J. S. 1922, 1933
 Tandon, N. 2541
 Tandon, N. N. 285
 Tang, L. H. 3210, 5045
 Tang, X. H. 3053, 3346
 Tanji, M. M. 2680
 Tankhiwale, M. P. 4914
 Tanner, M. 302, 1089
 Tannich, E. 237, 4950
 Tanowitz, H. 2242
 Tanowitz, H. B. 716, 2749, 3347, 3912, 4041, 4141
 Tanzer, J. 2843
 Tao, D. 699
 Tapia, F. J. 1789
 Taracha, E. L. N. 1800, 2668
 Taraschi, T. F. 3075, 4571
 Targett, G. A. T. 1079, 4899
 Tarleton, R. L. 188, 1765, 2708, 4857
 Tarlovsky, M. N. S. de 387
 Tarmudji 997
 Tarounga, B. 5031
 Tarr, P. I. 4692
 Tartar, A. 1379, 3085
 Taşan, E. 532
 Tasci, S. 2069
 Taskov, V. 3302
 Tassa, E. la 4432
 Tassi, P. 3235
 Tateyama, S. 1708
 Tatke, M. 1427
 Taub, F. E. 437
 Taveira Veloso, F. 4035
 Tavares, C. A. P. 3091
 Tavares, K. G. 1583
 Taverne, J. 2682, 3084, 3960
 Tawfik, M. A. A. 3026
 Taylor, A. C. 2518
 Taylor, A. J. 2891
 Taylor, A. M. 2454
 Taylor, D. 342
 Taylor, D. R. 2412
 Taylor, D. W. 140, 612
 Taylor, J. D. 395
 Taylor, J. H. 1840
 Taylor, K. M. G. 3692
 Taylor, M. 4201
 Taylor, M. B. 3070, 3526
 Taylor, P. 1627
 Taylor, T. E. 3261, 3723
 Taylor, W. R. J. 1947
 Teale, A. J. 634
 Tedford, B. L. 5116
 Tedlaouti, F. 2431
 Teeter, R. G. 2438
 Teferegedegn, H. 1862
 Tegoshi, T. 189, 4494
 Teichberg, S. 599
 Teixeira, M. M. G. 4558
 Teixidor, H. S. 1742
 Teja-Isavaham, P. 1418
 Tekwani, B. L. 1116
 Telalbasic, S. 3834
 Telford, P. 2644
 Telford, S. R., Jr. 318, 4827
 Tell, G. 2353
 Tello, E. 2244, 3127
 Telzak, E. E. 3042, 3913, 3932
 Tena, T. 2416
 Tenant-Flowers, M. 1937
 Tengekyon, K. M. 4867
 Tenjo, F. A. 1786
 Tennant, B. J. 1305
 Tenter, A. M. 1367, 3170, 4866, 4979
 Teow, W. L. 1750
 Ter Kuile, F. 3307
 Ter Kuile, B. H. 4093
 Ter Kuile, F. 372
 Ter-Sakarian, M. 2534
 Teras, J. 1730
 Terpenning, M. S. 950
 Terragna, A. 4143
 Terry, D. 1931
 Terry, R. J. 2603
 Terry, S. I. 2127
 Tesh, R. 419
 Tesh, R. B. 301, 1453, 3658
 Testa, J. 1680
 Testi, F. 1001
 Tett, S. 4221
 Tetuh, M. D. 1687
 Tetzlaff, C. L. 628
 Thaithong, S. 4541
 Thakur, C. P. 1566, 2851, 5040
 Thakur, D. K. 4321
 Thalhammer, F. 850
 Thammapalerd, N. 4450
 Thanassi, J. 2775
 Thanawongnuwech, R. 346
 Tharavanij, S. 4450
 Thatcher, V. E. 3016
 The Scottish Office 403
 The Toxoplasmosis Study Group. 4208
 Theander, T. G. 2677, 2691, 3072, 3518, 3525, 4412-4413
 Thedford, T. R. 1007
 Theodore, F. H. 4272
 Théodorides, J. 3892, 3937
 Thertulien, R. 3171
 Thevenard, R. S. 3375
 Thi Minh Cau Ly 1326
 Thibaut, G. 1811
 Thiemann, O. 5129
 Thilsted, J. P. 1832
 Thimasam, K. 3690, 4785
 Thomas, A. 1589
 Thomas, A. P. 3075
 Thomas, A. W. 1775, 2775
 Thomas, C. G. 3261
 Thomas, J. 3150
 Thomas, J. E. P. 4175
 Thomas, J. R. 3149, 3156
 Thomas, J. V. 2877
 Thomas, M. W. 943, 4268
 Thomas, P. T. 1590, 2263
 Thomas, V. 161, 1063
 Thomas-Oates, J. 3150, 4051
 Thomas-Oates, J. E. 3149
 Thomaz, N. 4095
 Thomford, J. 210
 Thompson, E. J. 3134
 Thompson, R. C. A. 922, 2289, 3182, 3593
 Thompson, S. N. 293
 Thompson, M., L. 4368
 Thomson, K. 185
 Thomson, M. C. 4610
 Thong, Y. H. 1485, 1813
 Thoonen, H. 2583
 Thorne, B. L. 4781
 Thornton, E. A. 4627
 Thornton, R. N. 55, 3134
 Thorpe, W. 491, 495-499, 708, 797, 2057-2059, 2208
 Thors, C. 2674
 Thoyama, K. 2083
 Thredgold, H. 458
 Thulin, J. D. 2614
 Thulliez, P. 144, 483, 1395, 1665, 2731, 3344, 3862, 4161
 Thulliez, T. 2536
 Thuma, P. E. 1907
 Thurair, J. 894
 Thurnham, D. I. 1122, 1126
 Thyangathanga, G. A. 840
 Tiab, M. 3470
 Tian Jian Guo 4164
 Tibayrenc, M. 1351, 3177-3178, 4250, 4824
 Tible, D. 2799
 Tice, J. 15
 Tichelli, A. 2850
 Tichelmann, F. 149
 Tidwell, M. A. 1513
 Tidwell, R. R. 385, 865, 1979, 5090
 Tietz, H. J. 151
 Tietze, P. E. 2115
 Tikasingh, E. S. 478, 4716
 Tikubet, G. 834, 2058
 Tillant, D. 2623
 Tillei, J. T. 3909
 Tilley, L. 4575
 Tilley, M. 4384, 4674
 Tilney, L. G. 3762
 Timasam, K. 5138
 Timins, M. E. 2624
 Timocanu, V. 2439
 Timofeev, B. A. 1959
 Timon-David, P. 2431, 3296-3297
 Timperi, R. 373
 Timpone, J. G. 4814
 Tingwa, N. O. 507
 Tinsley, R. C. 294
 Tio, F. O. 101
 Tiplod, A. 204
 Tipsawake, S. 4755
 Tirawanchai, N. 3547
 Tirifon, E. 2387
 Tischler, M. 2821
 Titova, T. S. 4210
 Tyrer, R. 419
 Titus, R. G. 3212
 Tiwari, I. C. 973
 Tkachuk, L. P. 2027
 Tobé, B. 2030
 Tobimatsu, M. 1299
 Tobin, J. F. 3165
 Tocanne, J. F. 3725
 Todd, K. S., Jr. 3421, 4819
 Todesco, A. 2836
 Toe, A. C. R. 1971
 Toerner, J. 4796
 Togebaye, B. S. 3570, 4387
 Toit, H. du 3436, 4338
 Toivio-Kinnucan, M. 2485, 2666, 4826
 Tokunaga, M. 805
 Toland, W. 477
 Toland, H. 526
 Tolenga, K. 2336
 Toler, J. E. 1230
 Tolezano, J. E. 2128, 2471
 Tolge, C. F. 583
 Tolkamp, B. 2233
 Tolliver, S. C. 3407
 Tolson, D. L. 1767
 Toma, H. K. 4329
 Tomachot, L. 2623
 Tomás, S. 2642, 4266
 Tomás, T. 3287
 Tomassini, N. 1163
 Tomassini, O. 905
 Tomavo, S. 4521
 Tomczyk, G. 2594
 Tomley, F. 1819
 Tomley, F. M. 1470, 4404
 Tomlinson, G. 5110
 Tompkins, D. S. 3383
 Tonguthai, K. 2158

- Tonks, M. C. 49
 Tønnesen, H. H. 2429
 Topper, M. J. 47, 1704, 3000, 3438, 3871
 Topping, J. P. 4179
 Tor, J. 4155
 Toranzo, E. G. D. de 1586
 Toranzos, G. A. 4118
 Torian, B. E. 3087
 Torii, M. 1587
 Toril, F. S. 2130
 Torrents, C. 1738
 Torres, A. 2246, 3225
 Torres, D. M. A. G. V. 2304
 Torres-Rodriguez, J. M. 3533
 Torri, A. F. 3141, 4946
 Torricio, F. 1763
 Tostykn, L. 1291
 Totani, T. 3098
 Toto, J. C. 3906, 4114, 4602
 Toudic, A. 5141
 Tougne, C. 1089, 1785, 2173
 Toullat, G. 4876
 Touratier, L. 2930
 Touray, M. G. 4888
 Toure, M. 834
 Toure, O. 488
 Touré, S. M. 2113, 4915
 Toure, Y. T. 1511
 Tournier, G. 1665, 2536
 Toutain, P. L. 2406-2407
 Touze, J. E. 2827, 3389, 3527, 3706, 3777
 Tovar, A. A. 5058
 Tovar, G. R. 4985
 Towne, G. 517, 4738
 Toye, P. G. 634
 Toyomitsu, Y. 1299
 Toyoshima, T. 3507
 Trager, W. 4569
 Trail, J. 491, 495-499, 708, 797, 856
 Trail, J. C. M. 803, 1404, 1916, 2057-2059, 2208, 3991
 Trainor, C. 4636
 Trakamrungsie, N. 4152
 Traldi, G. 1017
 Tramontin, R. R. 3342
 Tran Tinh Hien 1200
 Transactions of the Royal Society of Tropical Medicine and Hygiene 1641, 1835, 2019, 2494, 4613
 Traore, A. H. 1290
 Traore, H. A. 2837
 Traore, S. F. 1511
 Trape, J. F. 4646
 Trapp, B. 382
 Tras, B. 397
 Traub-Cseko, Y. 1870
 Traub-Cseko, Y. M. 4538, 4562
 Traul, D. L. 847
 Trauth, S. E. 588, 1335, 2485, 2666, 3056, 3936, 4817
 Trautmann, M. 895, 3257
 Travassos Santos Dias, J. A. 3893, 4128
 Travi, B. 2315
 Travi, B. L. 1310
 Travis, J. 1584
 Traynor-Kaplan, A. 1848
 Treasurer, J. 65
 Trebbi, S. 3796, 4119
 Trebucq, A. 1173, 1972, 2531, 3906, 4184
 Trechot, P. 5101
 Trees, A. J. 279, 1305
 Tremblay, N. 1452
 Triglia, T. 1465
 Triki, S. 1332
 Trillet, M. 2401
 Trillo, A. 4264
 Trimmer, R. 426
 Trinkle, L. S. 4518
 Triolo, N. 3228, 3315, 3394, 3738
 Tripathi, R. 332
 Tripp, C. 1869
 Tripp, C. A. 258
 Troedsen, C. 2529
 Trolldenier, H. 1989
 Troncon, L. E. A. 215
 Troost, D. 4625
 Trottein, F. 640
 Trousdale, M. D. 4764
 Troy, S. 2194
 Troye-Blomberg, M. 152, 1067, 1373, 3955
 Truc, P. 1482
 Trujillo, D. 3523
 Trunca, E. 520
 Trussell, R. R. 404
 Truyens, C. 3542
 Tsai, C. C. 654
 Tsai, S. F. 3006
 Tsaihong, J. C. 1048
 Tsang, M. 4498
 Tsaui, S. 4190
 Tse, S. K. 660, 3131
 Tsotsi, E. 834
 Tsou, E. 2137
 Tsuji, M. 1626
 Tsukada, Y. 4416
 Tsung, T. M. 3024
 Tsuzuki, T. 3223
 Tu, Y. 42
 Tuazon, C. 1932
 Tuck, A. C. 2505
 Tucker, J. C. 4666
 Tucker, J. E. 2764
 Tuite, M. F. 275
 Tulliez, M. 1829
 Tun Lin, W. 1181
 Tupler, R. H. 3697
 Tuppin, P. 2795
 Turbinder, E. H. 3697
 Turck, D. 4476
 Turco, S. J. 620, 1767, 2175, 3149, 3156, 3160
 Turgut, K. 4747
 Turk, P. 359
 Turkson, P. K. 2403
 Turner, C. B. 45, 938
 Turner, C. M. R. 1355, 1360, 4696
 Turner, J. 327, 4796
 Turner, M. 2258, 4590
 Turner, M. J. 756, 1145, 2257
 Turrens, J. F. 3140, 4926
 Tuszyński, G. P. 2300
 Tutin, C. E. G. 4737
 Tuttle, P. A. 3342
 Tuzza, A. 3989
 Twardzik, D. R. 139
 Twumasi, P. 1569, 3544, 4886
 Tyczkowski, J. K. 3128
 Ubelaker, J. E. 1319, 2248-2249, 4348, 4483
 Uberti, F. C. 3270
 Uche, U. E. 3555
 Udezue, E. O. 343
 Udezulu, I. A. 3519
 Udina, M. 3911
 Udoh, F. V. 5100
 Udomsangpetch, R. 124, 282, 3088
 Ueda, H. 3408
 Ueda, K. 3279
 Ueda, M. 2128, 3223
 Uehara, S. 3068
 Ueki, N. 4344
 Uemura, H. 920
 Ugarte, H. 4653
 Ugglia, A. 1772, 2988
 Ugwu, D. O. 4910
 Uhl, E. W. 3082
 Uhlenbruck, G. 729
 Uhlenhopp, E. K. 1322
 Uhrig, M. L. 2747
 Uilenberg, G. 450, 1700
 UK, Centre for Tropical Veterinary Medicine 2489
 UK, London School of Hygiene and Tropical Medicine 4283-4284
 UK, Overseas Development Administration and University of Bristol 4279-4282
 Ukabam, S. O. 1670
 Ukumu Vira 3829
 Uliana, S. R. B. 4558
 Ullman, B. 234, 3173, 4066, 4077
 Ullrich, J. 310
 Ullrich, R. 2619
 Ullu, E. 3599
 Ulstad, D. R. 367
 Umemura, T. 2996
 Umoh, J. U. 1701
 Ünçis, O. N. 3440
 Undeen, A. H. 911, 2161
 Ungar, B. L. P. 469, 658, 1273
 Ungar-Waron, H. 1409, 1779
 Uni, S. 3081
 Uno, T. 210
 Upcroft, J. A. 1939, 2288, 4959
 Upcroft, P. 4959
 Upender, M. 3269
 Upston, J. M. 4576
 Upton, S. J. 563, 588-589, 1049, 1334-1335, 2485, 2666, 3002, 3007, 3056, 3886, 3936, 4328, 4371, 4384, 4674, 4817, 4820-4821, 4826
 Urawa, S. 2104, 4344
 Urban, J. F. 1104
 Urbano, L. 1175
 Urbino, A. 2550
 Urdaneta, H. 3091
 Urdaneta, I. 813, 816
 Urdaneta, R. 813, 816
 Ürményi, T. P. 3172
 Urowitz, M. B. 1983
 Urquhart, G. M. 2452
 USA, Centers for Disease Control 5051-5052
 USA, Working group on PCP prophylaxis in children. 5152
 Usanga, E. A. 4188
 Ushida, K. 2978
 Usui, H. 1708
 Usui, M. 3102
 Utz, G. L. 3632
 Uvarova, N. A. 4633
 Uyetake, L. 239, 1893
 Uytendroek, E. 2583
 Uzoukwu, M. 1690
 Vacca-Marin, M. A. 811
 Vacek, V. 4648
 Vajro, P. 4292
 Val Ramos, A. M. S. 1380
 Valach, Z. 4744
 Valda, L. 4653
 Valderrama, L. B. 1417
 Valdes, E. 1159
 Valencia, A. Z. 1310
 Valenciano-Cedillo, G. 2423
 Valent, M. 4496
 Valentim, A. M. 2471
 Valentin, A. 1366, 2782
 Valentine, N. B. 4003
 Valenzuela, G. 996
 Valero, M. V. 1821
 Valero, V. 131, 4031
 Vallette, H. 4218
 Valkiünas, G. A. 3939
 Valkunas, G. A. 1748
 Val'kyunas, G. 2655
 Val'kyunas, G. A. 1748, 2655, 2742, 3939
 Valme, B. R. 1741
 Valmori, D. 2173
 Valtaud, E. 4876
 Valtonen, E. T. 1719
 Van Aken, D. 3854
 Van Amerongen, A. 1144
 Van As, J. G. 105, 3943
 Van Assel, S. 3168
 Van Banning, P. 565
 Van Belkum, A. 263, 2748
 Van Boom, J. H. 3594
 Van Damme, J. 1140
 Van Damme, W. 4148
 Van de Gevel, J. S. 2697
 Van de Loo, J. 3755
 Van de Perre, P. 15
 Van de Ven, E. 2003
 Van Deenan, L. L. 298
 Van den Akker, H. N. 4480
 Van den Berg, F. M. 2165
 Van den Burg, J. 750
 Van den Ende, J. 376
 Van den Enden, E. 376, 867
 Van der Hage, M. H. 4768
 Van der Hel, W. 202, 4480
 Van der Hulst, M. B. 2697
 Van der Kaay, H. J. 2949
 Van der Marel, G. A. 3594
 Van der Meer, J. W. M. 3679
 Van der Meide, P. 116
 Van der Meide, P. H. 637
 Van der Meulen, A. 4805
 Van der Ploeg, L. H. T. 1151, 1451, 1459, 2273, 2278-2279, 4075, 4087, 4835
 Van der Spek, H. 750
 Van der Stuyft, P. 1504
 Van der Vliet, P. C. 2268
 Van der Vyver, F. H. 1837
 Van der Zee, C. L. M. 986
 Van Dijk, B. 4786
 Van Dijk, M. 2267
 Van Enckevort, F. H. J. 4981
 Van Eys, G. 953
 Van Eys, G. J. J. M. 3603, 4981
 Van Furth, R. 2697
 Van Gemert, G. J. A. 806
 Van Ginkel, C. J. W. 2949
 Van Gompel, A. 376, 867
 Van Gool, T. 2854, 4625
 Van Ham, L. 1307
 Van Ham, M. 3740
 Van Husen, N. 3755
 Van Kammen, M. 904
 Van Ketel, R. J. 2854
 Van Keulen, H. 4975
 Van Knapen, F. 1396, 3413, 4981
 Van Leuven, F. 4002
 Van Lieburg, M. J. 2488
 Van Marck, E. 1763, 3542
 Van Meirvenne, N. 2266, 4864
 Van Melle, G. 2333
 Van Nevel, C. J. 3867
 Van Nieuwenhove, S. 1551, 2350, 2354
 Van Oosterom, A. T. 5091
 Van Regenmortel, M. H. V. 1070
 Van Rensburg, I. B. J. 2064
 Van Ryssen, J. B. J. 2428
 Van Schaftingen, E. 4924
 Van Schravendijk, M. R. 3093, 4673
 Van Seventer, G. A. 285
 Van Straaten, H. M. O. 966
 Van Vloten, W. A. 3721
 Van Voorhis, W. C. 2177, 3174
 Van Wieringen, P. M. V. 986
 Van Winckel, F. 2059
 Vancompermolle, K. 1140
 Vandekerckhove, J. 1140
 Vandel, L. 4420
 Vanden Bossche, H. 3329
 Vandenberg, K. L. 674
 Vandepitte, J. 1651
 Vanderberg, J. P. 190, 774, 1808
 Vanderghenst, D. 3520
 VanderKop, P. A. 903, 2385
 Vandeveld, M. 204
 Vandevenne, A. 4160
 Vandeweerd, V. 4566
 Vandita Srivastava 1922
 Vanelle, P. 2431, 3296-3297
 Vangool, F. J. 2359
 Vanhems, P. 4809
 Vanopdenbosch, E. 3520
 Vanparijs, O. 1192, 4638
 Vanparus, O. 1231
 Vansickle, T. 2318
 Ványi, A. 5044
 Vázquez, J. 3857
 Vardy, D. 4621
 Varejão, J. B. M. 4612
 Varela, M. C. 4598
 Varesi, C. 2147
 Varga, I. 348, 5044
 Vargas, A. 1011
 Vargas, F. 4304
 Vargas-Villarreal, J. 4945
 Vargens, J. R. 2882

- Varma, B. K. 2362
 Varma, N. 4305
 Varma, S. C. 119
 Varnier, O. E. 2134
 Varshney, N. 4795
 Varthaliitis, I. 2650
 Vasquez, C. 3339
 Vázquez-Vivar, J. 3298
 Vassalli, P. 2218
 Vassilev, G. D. 4318
 Vasu, M. A. 2639
 Vaufrey, F. 1244
 Vaughan, J. A. 1524
 Vaughan, M. 4547
 Vávra, J. 4828
 Vaz, A. J. 1998
 Vazquez, C. C. 2573
 Vazquez, J. J. 4363
 Vazquez, M. P. 4073
 Veal, C. F. 2637
 Veas, F. 3177
 Vedmed¹, A. I. 1346
 Veenendaal, J. R. 2430
 Vega y Murguía, C. A. 2216, 2339
 Vegnente, A. 4292
 Veiga, V. F. da 601
 Velásquez, M. 2110
 Velay, B. 3397
 Velay, I. 3718
 Veldman, R. G. 706
 Velema, J. P. 12
 Velge, P. 127, 2297, 4405
 Velin, P. 1745
 Veloso, C. 3095-3096
 Veloso, V. M. 4415
 Veltkamp, S. 5039
 Ven, E. van de 2003
 Vendrell, J. P. 2632, 3984
 Venegas, J. 1149, 1448, 3339
 Venkataraman, K. S. 3947
 Ventura, G. 2187
 Venturini, C. 1382
 Venuto, R. C. 4659
 Veraldi, S. 1669
 Verbenko, E. V. 1557
 Verbracken, H. 4365
 Vercesi, A. E. 1164, 3185, 4517, 4565
 Vercruysse, J. 1532
 Verde-Star, J. 2419
 Verdier, F. 861, 897, 2866
 Verdini, A. S. 1089
 Verdon, R. 3452, 4354
 Verduyn, R. 3594
 Vergani, P. 2899
 Vergara, U. 3095-3096
 Verghese, T. 3524
 Verhaeghe, A. 4382
 Verhagen, M. A. W. H. 1216
 Verhave, J. P. 1268, 1817, 3246
 Verhulst, A. 992
 Verin, L. 5137
 Verin, P. 1601
 Verjee, Y. 4527-4528
 Verlinde, C. L. M. J. 2755
 Verma, A. 827
 Verma, B. B. 2362
 Verma, J. N. 121
 Verma, K. V. S. 2934
 Verma, S. 141
 Verma, S. P. 2082
 Vermeer, B. J. 2949
 Vermelho, A. B. 3578
 Vermeulen, A. N. 4868
 Vermazza, P. 5057
 Verni, F. 2272
 Vermon, S. A. 2040
 Vemy, C. 4222
 Verschoor, J. A. 1807
 Verstegen, M. W. A. 202, 4480
 Verstegen, M. W. H. 2233
 Vertommen, M. H. 455
 Vervelde, L. 4868
 Vervoort, T. 867, 1093, 2285, 4864
 Verwaerde, C. 4405
 Very, P. 1256, 1799
 Vesey, G. 1610, 3337
 Vesin, C. 2218
 Veterinaria 3367
 Vexenat, A. 1684
 Vial, H. J. 298, 2000, 3750
 Vial, T. 2884
 Vial P., M. 4251
 Viale, P. 2725
 Vialettes, F. 2000
 Viamonte, O. 2207
 Viana-Martins, F. S. 126
 Vicari, G. 2187
 Vicendeau, P. 1990
 Vicente de Vera, P. 1738
 Vickerman, K. 2008
 Vickers, M. C. 3885
 Victorius, A. 2867
 Vidor, E. 52, 1013
 Vidtmann, S. 2657
 Vieillefond, A. 3826
 Vieira, E. C. 4848
 Vieira, L. M. 4415
 Vieira, M. L. 2186
 Viengsay, M. 2535
 Vierbuchen, M. 729
 Vierin, Y. 3822
 Vietmeyer, C. 4866
 Vigevani, G. M. 3270
 Vighetto, A. 2401
 Vigroux, A. 3725
 Vihan, V. S. 502
 Vikerfors, T. 1217
 Vilalta, M. M. 792
 Vilasco, B. 4173
 Vildé, J. L. 1949, 2829, 3263, 4217
 Villacorta, I. 3520
 Villagómez-Castro, J. C. 4062
 Villalba, R. 3225
 Villalonga, C. 3911
 Villalta, F. 4854
 Villamil, A. 888
 Villanueva, M. S. 3617
 Villavicencio, V. I. 2745
 Villegas, E. 4364
 Viñals, M. 3225
 Vinasco, J. 131
 Vinatier, D. 3999
 Vinayak, V. K. 113, 166, 621, 1414, 2199, 2204, 2301, 2738, 4477, 4524, 4852-4853, 4894
 Vincendeau, P. 135
 Vincent, M. P. 4220
 Vinciguerra, C. 2887
 Vindevogel, H. 5070
 Vinjoy, M. 3889
 Vinti, H. 3923
 Viqarunisa 1672
 Vira, U. 3829
 Virani, N. 423
 Viravan, C. 4168
 Viriyakosol, S. 4977
 Virk, K. J. 5076
 Visentin, G. P. 4206
 Vishwakarma, R. A. 332
 Visscher, B. 1328
 Visser, J. J. R. 3413
 Visvesvara, G. S. 1402, 2908, 2984, 3519, 4271-4272, 4540, 4790, 4797-4798, 4816
 Viswamitra, M. A. 1585
 Vitor, R. W. A. 1184
 Vitovec, J. 205, 4048
 Vittu, G. 1805, 3999
 Vitutia, M. M. 5000
 Vivares, C. P. 566
 Viviani, P. 3991
 Vivirito, M. C. 5057
 Vliet, P. C. van der 2268
 Vloten, W. A. van 3721
 Vodkin, M. H. 4540
 Voelker, D. R. 1780
 Voeten, A. C. 1970
 Vogel, J. 4170
 Vohito, J. A. 1680
 Vohra, H. 3977, 4982
 Volchek, I. A. 1836
 Volk, H. D. 151
 Volkman, D. H. 2064
 Vollenhoven, I. 5074
 Volloch, V. 2253
 Voloch, A. 3397
 Volpe, M. della 2725
 Volzhanin, V. M. 1836
 Vommaro, R. C. 4983
 Von Bonsdorff, C. H. 2674
 Von Eiff, M. 2376, 3755
 Von Planta, M. 2850
 Von Reyn, C. F. 2626
 Von Sandersleben, J. 84
 Vonwirth, H. 2757
 Voorheis, H. P. 2292
 Voorhis, W. C. van 2177, 3174
 Voronin, V. N. 1490, 3440, 3948
 Vos, A. J. de 1537, 4028
 Vos, G. J. 663
 Vossbrinck, C. 101
 Vottero-Cima, E. 125, 153, 1072, 3975
 Voyiatzaki, C. S. 4054
 Vray, B. 1363
 Vreden, S. G. S. 1817
 Vriend, G. 1843
 Vries, E. de 4090
 Vuillez, J. P. 890, 1795, 3249
 Vulcano, F. 1169, 2468
 Vullo, V. 2144, 4359, 4841
 Vuust, J. 266, 3958
 Vyadro, M. M. 2148
 Vyhnáková, J. 3741
 Vyver, F. H. van der. 1837
 Waal, D. T. de 466, 1187, 3495, 5032
 Wachtel, T. 2831
 Wadakar, S. V. 3405
 Waddington, D. C. 3877
 Waele, M. de 425
 Waghela, S. 1005, 1293
 Wagner, G. G. 628, 1996, 2665
 Wagner, H. 638
 Wagner, J. E. 3423
 Wahab, R. M. A. 1120
 Wahba-Yahav, A. V. 1546
 Wahl, P. 1953
 Wahlgren, M. 23, 152, 1170, 1373
 Wahli, T. 4094
 Wählin, B. 152, 3088
 Wahlquist, S. P. 429, 431, 921, 2547
 Waitbaka, H. K. 892
 Waits, V. B. 2881
 Waits, V. E. 1544
 Waitumbi, J. N. 536, 854, 2282, 2303
 Waiyaki, P. 2174
 Wakai, J. 4678
 Wakefield, A. E. 3345, 4980
 Wakeshima, H. 3036
 Waki, S. 3068, 3099
 Wakita, M. 2980
 Waksmunski, F. S. 2821
 Walder, M. 465
 Waldman, E. A. 2305
 Waldroup, P. W. 1198, 1229, 1234
 Waldrup, K. A. 2665
 Walford, C. 2238
 Walgate, R. 1284
 Walger, P. 3755
 Wali, J. P. 4105
 Walia, B. N. S. 781, 3569
 Walker, B. E. 3842
 Walker, E. M. 1402
 Walker, J. 3376, 4108, 5128
 Walker-Jonah, A. 3613
 Wall, D. T. de 2074
 Wallace, M. R. 2839, 3846
 Wallach, M. 3609
 Wallbanks, K. R. 2323
 Waller, D. 1423
 Waller, R. D. 1180
 Waller, T. 530
 Walliker, D. 954, 1352, 1467, 1757, 1880, 4669
 Wallis, P. M. 4713
 Wallwork, J. 4811
 Walsh, C. 4942
 Walsh, M. J. 2750
 Walloch, G. 4343
 Walter, R. D. 237, 3575
 Walters, L. L. 3658
 Waltisbuhl, D. J. 158, 4892-4893
 Walther-Toews, D. 998, 4751
 Walton, B. C. 1157
 Walton, R. 5000
 Walzer, P. D. 581, 2679, 4238, 4518, 4793
 Wamwea, M. 14, 1275
 Wanderley, D. M. V. 3217
 Wang, A. L. 742, 1041, 1323, 3034
 Wang, C. C. 742, 1041, 3034, 4930, 4941, 5161
 Wang, C. X. 1086
 Wang, D. K. 1191
 Wang, F. Y. 3701
 Wang, J. G. 104
 Wang, J. H. 3865
 Wang, J. S. 2593, 2664, 3006, 3349
 Wang, K. M. 3164
 Wang, M. 1052, 3499
 Wang, W. 4902
 Wang, W. L. 1191
 Wang, X. Z. 3218
 Wang, Y. H. 4718
 Wang, Z. E. 136
 Wang, Z. J. 1035
 Wang, Z. K. 3597
 Wang, Z. L. 1190
 Wanida, S. 1993
 Wanninayaka, P. 1247
 Wanwimolruk, S. 2409
 Warburg, A. 946, 1762, 2801, 3572, 4888
 Ward, H. D. 1620, 3328
 Ward, R. D. 4269
 Ward, S. A. 887, 2880, 3295, 3723, 4654
 Ware, B. R. 2475
 Warhurst, D. 649
 Warhurst, D. C. 3336, 4533
 Warner, A. 3961
 Warnock, M. L. 2183
 Warrell, D. A. 18, 73
 Warren, K. S. 6, 460
 Warsame, M. 1218, 1222, 1964-1965
 Wartelle, C. 2631
 Waruiri, R. M. 4314
 Wash, C. D. 762, 4821
 Washburn, J. O. 1720, 2601, 4778-4780
 Washington, J. A. 1394
 Waskin, H. A. 3808
 Wassall, D. A. 159
 Wassef, N. M. 121
 Wasserman, G. F. 1818
 Wasserman, L. 3917
 Wassermann, K. 2875
 Wassom, D. L. 170, 631
 Wasylenko, M. 2948
 Watanabe, I. 2948, 4489
 Watanabe, J. 1475
 Watanabe, Y. 1883
 Watanasook, C. 1547
 Waterman, S. H. 3808
 Waters, A. P. 1760, 1863, 4393-4394
 Watkins, B. M. 2087
 Watkins, J. 2786
 Watkins, K. L. 5115
 Watkins, M. W. 4163
 Watkins, R. A. 3003
 Watkins, W. M. 887
 Watson, B. 2900
 Watson, R. R. 580
 Watt, G. 344, 1547
 Wattenberg, B. W. 1588
 Watters, D. A. K. 2001
 Watts, D. 2786
 Watts, T. E. 1674
 Wauters, J. P. 2333
 Wawrzyniak-Gacek, A. 3319
 Wax, E. 1228
 Weatherall, D. J. 1403
 Webb, D. H. 1735
 Webb, J. R. 4962
 Weber, A. 2342
 Weber, G. 895, 1835
 Weber, M. W. 1127

- Weber, R. 429, 1562, 2908, 4790
 Webster, H. K. 282, 285, 1418, 1547, 1775, 4079, 4473, 5138
 Webster, K. 4494
 Webster, P. 1138, 1855, 1888, 4528, 4564, 4567
 Webster, T. L. 674
 Wedel, M. 1115
 Wee, J. L. K. 4869
 Weekly Epidemiological Record 2338
 Weeks, R. 3624
 Weeks, R. S. 4542
 Weems, J. J. 1931
 Weerasinghe, S. 1785, 5028
 Wegerdt, S. 51
 Wehle, K. 2911
 Wei, C. B. 197
 Wei, L. Y. 991
 Weichold, F. F. 151
 Weidemann, G. 3695
 Weikel, C. S. 80
 Weillaert, M. P. 2533
 Weiner, E. J. 4504
 Weinger, M. B. 2521
 Weinke, T. 24, 895, 3257
 Weir, W. R. C. 2537
 Weiser, J. 102
 Weiser, W. Y. 1377
 Weiss, B. 2129
 Weiss, J. B. 4975
 Weiss, J. S. 2889
 Weiss, L. M. 3347, 3699, 4141
 Weiss, M. 2644
 Weiss, N. 1089
 Weiss, R. B. 2883
 Weitzman, G. L. 2989
 Weitzman, P. D. J. 1846
 Welburn, S. C. 1517
 Welch, R. J. 4743
 Wellem, T. E. 875, 1567, 3613, 4951
 Weller, I. V. D. 91
 Weller, R. E. 4003
 Weller, S. C. 3672
 Welsch, B. B. 3280
 Welsh, J. A. 183
 Welu, M. 2335-2336
 Wen, C. F. 1176
 Wensing, T. 202
 Werblinska, B. 1568
 Were, B. 4858
 Were, J. B. 3284
 Were, J. B. O. 1410, 3809
 Werner, H. 3736
 Wernery, U. 1422, 4789
 Wernli, M. 2850
 Wernsdorfer, W. H. 341, 1218, 1222, 1963-1965, 4640
 Wernstedt, C. 1445
 Werries, E. 726
 Wéry, M. 1504, 1941, 4670, 4693
 Wesemeier, H. 3747
 Wesonga, D. 4019
 Wesonga, D. F. 719, 819
 Wessel, D. W. 3567
 Westgard, R. L. 553
 Westin, E. 4171
 Westley, S. R. 674
 Westphalen, S. da R. 2471
 Wetsteyn, J. C. F. M. 5039, 5074
 Wewalka, G. 465
 Wężyk, S. 3275
 Whalen, C. 4796
 Wheat, L. J. 1735
 Wheeler, J. G. 3515
 Wheeler, R. B. 1044
 Wheeler-Alm, E. 4513
 Whitby, R. M. 3800
 White, A. C., Jr. 3523
 White, C. 943
 White, D. 4676
 White, D. A. 3795
 White, J. H. 4090
 White, M. 4893
 White, N. J. 195, 285, 372, 427, 1199, 1423, 3307, 3722, 4038
 Whitelaw, D. D. 1946, 2452
 Whiting, J. 210
 Whitley, R. J. 1652
 Whitlock, V. H. 2109
 Whitman, L. M. 1485, 1813
 Whittle, H. 236, 4837
 Whitwell, K. 4815
 WHO Expert Committee 4619
 WHO Scientific Group on the Chemotherapy of Malaria. 2491
 Wicher, K. 527
 Wicher, V. 527
 Wick, E. A. 4203
 Wick, T. M. 1886, 2735
 Widders, P. R. 614, 1357
 Widmann, C. 1794
 Widmer, A. F. 3897
 Widmer, G. 4542
 Więckowski, W. 4889
 Wiedermann, G. 276
 Wiegandt, H. 891
 Wierenga, R. K. 1843, 2755
 Wieringen, P. M. V. van 986
 Wiernusz, C. J. 2438
 Wierzbicka, J. 4342
 Wiesner, E. 1643
 Wigley, P. J. 3486
 Wignall, F. S. 5058
 Wigzell, H. 1153
 Wijburg, H. C. 986
 Wijdicks, E. F. M. 2649
 Wijesundere, A. 3793
 Wijngard, P. L. 4805
 Wikerhauser, T. 3184
 Wikse, S. 168
 Wikse, S. E. 2984
 Wilairat, P. 4260, 4541
 Wilcox, C. M. 2908
 Wilde, H. 1998, 4224
 Wiley, D. 2258
 Wiley, D. C. 2257
 Wilhelm, W. E. 4701
 Wilhelmus, K. R. 5151
 Wilkes, T. J. 914-915
 Wilkins, E. G. L. 866
 Wilkins, G. C. 4626
 Wilkins, H. A. 5025
 Wilkins, P. P. 4020
 Wilks, G. 2821
 Wilks, R. J. 2127
 Willard, M. D. 54
 Wilcox, H. P. F. 4689
 Wilcox, M. 1218, 5080
 William, D. C. 2621
 Williams, A. G. 2459, 2931
 Williams, A. O. 2564
 Williams, B. G. 3324
 Williams, C. L. 1931
 Williams, D. C. 1513
 Williams, D. J. 3961
 Williams, D. J. L. 2169, 3067, 3516
 Williams, D. M. 1784
 Williams, G. T. 2412
 Williams, J. 649
 Williams, J. F. 1940
 Williams, N. M. 3342
 Williams, P. 812, 823, 1502, 4403
 Williams, P. E. 1740
 Williams, R. J. 2639
 Williams, R. M. 431, 2547
 Williams, R. O. 4586, 4995
 Williams, S. P. 3617
 Williamson, D. H. 255, 743, 1455
 Williamson, J. 365
 Williamson, S. 250
 Williamson, S. M. 4027
 Willis, A. E. 1769
 Willocks, L. 2636
 Willson, M. 3725
 Willumsen, L. 2955
 Wilms, B. 3755
 Wilson, G. G. 200
 Wilson, I. H. 2001
 Wilson, J. R. 3574
 Wilson, M. 2626, 4257
 Wilson, M. E. 609, 2119, 2276, 3785
 Wilson, N. A. 3886
 Wilson, R. J. M. 255, 743, 1455, 1859, 4669, 4989
 Wilson, S. M. 1458, 5134
 Wilson, W. R. 3304
 Wimonwattatee, T. 353
 Winkel, F. van 2059
 Wind, A. 266
 Windon, R. G. 176
 Wingen, F. 2873
 Winger, L. A. 3547
 Winkel, K. D. 172
 Winkelstein, W., Jr. 2380
 Winkler, A. 1493
 Winstanley, P. A. 2728
 Winter-Muram, H. T. 3670
 Wirima, J. J. 3261, 3723
 Wirth, D. F. 421, 760, 3165, 4077-4078, 4688
 Wirth, J. J. 4519
 Wirtz, R. A. 121, 436, 1179, 1410, 1513, 1608, 2800, 3959, 3988, 4079, 4447, 4734
 Wisner, M. F. 1167, 4239
 Wisnivesky-Colli, C. 522, 2306, 3664, 4595, 5027
 Wispelwey, B. 3241
 Wistar, R., Jr. 4029
 Wita, I. 2151
 Withers, S. 4208
 Witt, K. 3929
 Wittes, R. 5069
 Wittner, M. 716, 2129, 2242, 2749, 3347, 3699, 3912, 4041, 4141
 Wittouk, E. 2281
 Wittstadt, U. 1009
 Wizel, B. 2213
 Woerdenbag, H. J. 1978
 Wolf, J. G. 1600
 Wolf, M. 204
 Wolfe, L. A. 1987
 Wolfe, M. S. 2609, 3850
 Wolfe, R. L. 5120
 Wollish, W. 2188
 Wollner, A. 94
 Wolters, J. 2291
 Wong, R. D. 3259
 Wong, R. J. 2363
 Wongsrichanalai, C. 4473, 5138
 Wongyounoi, B. 2990
 Woo, P. T. K. 414, 1590, 2263, 2727, 2743, 5024, 5142
 Wood, A. M. 4576
 Wood, J. 672
 Woodford, J. D. 687, 870
 Woodley, E. 458
 Woodman, J. P. 645, 1378
 Woods, S. M. 1216
 Woodward, R. 4070
 Woodworth-Lynas, C. B. 4276
 Woosley, R. L. 2891
 Wooten, E. W. 1374
 World Health Organization 3783, 3787-3788
 World Health Organization, WHO/HST 987
 Worman, F. D. 1007
 Wormser, G. P. 3703
 Worthington, P. 1734
 Wosene, A. 2584
 Wouda, W. 3413
 Wozniak, E. J. 318
 Wreghitt, T. G. 4811, 4878
 Wright, A. E. 81, 1910
 Wright, C. W. 1974
 Wright, I. G. 130, 158, 284, 1802, 3517, 4462, 4577, 4892-4893
 Wright, J. F. 3441
 Wright, J. M. 594
 Wright, N. G. 2224-2225
 Wright, S. 185, 1420, 1709
 Wright, S. E. 2689
 Wu, J. 396
 Wu, J. J. 3243
 Wu, Y. L. 2893
 Wu, Y. S. 2824
 Wunderlich, F. 192, 3541
 Wunderlin, E. 1252
 Wurie, A. T. 3341
 Wurster, K. 702
 Wyatt, J. M. 2566
 Wycherley, K. 2188
 Wyder, D. J. 606-607, 635, 757, 961, 3972
 Wyss, R. 1930
 Wyvrat, M. 2881
 Wyvrat, M. J., Jr. 2821
 Xia, A. D. 3164
 Xia, C. M. 3346
 Xia, H. L. 2602
 Xia, W. J. 3277
 Xiao, B. N. 1052, 2805, 3499
 Xiao, D. X. 2699
 Xiao, S. H. 1976
 Xiao, Z. F. 1224
 Xie, K. M. 3346
 Xie, M. 4425
 Xie, M. Q. 377
 Xinmei, Q. 1021
 Xochihua D., L. 3806
 Xu, B. I. 1368
 Xu, B. M. 2684, 2769-2770, 2822, 2903
 Xu, C. M. 1589
 Xu, D. H. 2904
 Xu, J. F. 3646
 Xu, J. J. 2447
 Xu, K. J. 3164
 Xu, L. S. 3243
 Xu, R. L. 2924
 Xu, R. S. 3536
 Xu, R. X. 1191
 Xu, S. J. 3164
 Xu, S. P. 380
 Xu, X. S. 1086
 Xu, X. X. 4200
 Xu, Y. H. 4014
 Xu, Z. G. 981
 Xue, D. M. 484
 Xue, M. 3277
 Yabu, Y. 1066
 Yacnambe, M. 784
 Yacnambe, M. S. 399
 Yacnambe, S. 906
 Yada, A. 3246
 Yadav, M. 2180
 Yadav, M. S. 3380
 Yagi, Y. 3126, 4312
 Yagita, K. 763, 4955
 Yago, A. 1195, 3683
 Yagoub, I. A. 1296
 Yajko, D. 423
 Jakobson, B. 392, 3740, 3873
 Yakubovich, V. Ya. 1912
 Yakubu, M. A. 5096
 Yamada, K. 699
 Yamamoto, S. 3279
 Yamamoto, Y. I. 1531
 Yamanaka, Y. 3343
 Yamane, I. 210
 Yamasaki, H. 4344
 Yamasaki, K. 1708
 Yamashiro-Kanashiro, E. H. 2680
 Yamashita, K. 4426
 Yamauchi, K. 740
 Yamaura, H. 3004, 3098
 Yan, M. 197
 Yan, Z. H. 2510
 Yanagi, T. 1486, 3600
 Yang, B. J. 2954, 3646
 Yang, B. Y. 2703
 Yang, C. X. 3995
 Yang, D. M. 849
 Yang, H. Z. 3164
 Yang, J. 2030
 Yang, R. C. 3701
 Yang, S. J. 650, 4308
 Yang, X. C. 1224
 Yang, X. F. 859
 Yang, X. M. 484
 Yang, Y. F. 4966
 Yang, Y. M. 3071
 Yang, Y. Q. 3592
 Yang, Y. Z. 3289
 Yang, Z. Y. 3995
 Yangari, G. 491, 498-499, 834, 1404, 2208, 3991
 Yannitsiotis, A. 977
 Yano, A. 4426

- Yano, K. 1066, 1182, 1611, 2457, 3193
 Yao, B. 167
 Yao, J. L. 650
 Yao, N. 4050
 Yap, E. H. 530, 1750, 4869
 Yap, G. 155
 Yap, L. F. 541, 2518
 Yap, P. L. 1740
 Yapi, A. 3047
 Yarchoan, R. 1542
 Yardumian, D. A. 1597
 Yarlett, N. 896, 4662
 Yarotsky, L. S. 962
 Yasawy, M. I. 2918
 Yasuda, H. 4678
 Yasuda, Y. 3353, 3356
 Yasukevich, V. V. 1911
 Yates, T. L. 762
 Yatushevich, A. I. 1298
 Yaueib, A. 458
 Yazici, A. 2506
 Yazwinski, T. A. 1198
 Ye, B. 2893
 Ye, C. N. 2579
 Ye, L. T. 2511, 2811
 Yeates, C. E. F. 395
 Yee, J. 3176
 Yee, R. W. 101
 Yeh, S. D. J. 2622
 Yehuda, D. Ben 935
 Yennawar, H. P. 1585
 Yenokida, G. G. 5
 Yeo, A. E. T. 4631, 5049
 Yeoman, G. H. 1533
 Yerg, D. E. 5005
 Yerly, S. 1804, 4685
 Yeyati, P. L. 4074
 Yie, Z. W. 2699
 Yilmaz, O. 4300
 Yoda, T. 1110
 Yogasundram, K. 4341
 Yokomizo, M. 3135
 Yonemaru, M. 1299
 Yong, E. C. 288
 Yong, H. S. 3978, 4246
 Yoon, D. H. 4308
 Yoshida, E. L. A. 2314
 Yoshida, H. 3356
 Yoshida, N. 3148
 Yoshihara, K. 4417
 Yoshihara, S. 4469
 Yoshiki, K. 4568
 Yoshioka, K. 2890
 Yoshitomi, Y. 3682
 Yossef, M. E. 1008
 Youn, J. H. 3637, 4096
 Young, A. S. 679, 681, 683, 836, 1536, 4019, 4026-4027, 4687
 Young, J. E. 1818
 Young, J. F. 1410
 Young, J. R. 2282, 4677
 Young, M. 4795
 Young, P. 1499
 Young, P. E. 4269
 Young, R. D. 4197
 Young, T. 336
 Youngs, D. J. 2890
 Yousef, S. M. 3844
 Yousif, A. A. 3846
 Yousif, M. A. 1594
 Youssef, F. G. 1881
 Yowell, C. A. 247, 4081
 Yu, E. S. 197
 Yu, H. 2699
 Yuan, L. 3554
 Yucel-Lindberg, T. 3719
 Yueh, F. L. 4299
 Yule, W. N. 4783
 Yumet, G. M. 4118
 Yunmbam, M. K. 4202
 Yunus, M. D. 964
 Yurakhno, M. V. 1639
 Yurakhno, V. M. 1347
 Yuthavong, Y. 257, 4509
 Yuval, B. 316, 1518
 Yvoré, P. 3520, 5133
 Zaafouri, M. 3815
 Zaai, J. 437
 Zablotskiĭ, V. T. 186-187
 Zacharek, D. A. 554
 Zachee, P. 4365
 Zackrisson, L. H. 2137
 Zahar, A. R. 1647-1650
 Zahner, H. 1383
 Zainal-Abidin, B. A. H. 666
 Zajac, A. M. 3875
 Zajiček, P. 1878, 3629
 Zakharova, N. F. 1912
 Zaki, M. 89, 1277
 Zaldivar, L. 3437
 Zaman, K. 964
 Zaman, M. B. 2914
 Zaman, M. K. 3795
 Zaman, V. 1750
 Zambias, R. A. 4636
 Zambrano, L. 3523
 Zamora, J. 3104
 Zamze, S. E. 1374
 Zanchetta, G. P. 2134
 Zanchi, A. 2048
 Zandstra, D. F. 966
 Zangerle, R. 2648, 3260
 Zapata, M. T. A. Garcia- 3742, 4273
 Zar, F. A. 2938
 Zarbo, R. J. 5132
 Zarth, A. 1276
 Zástěra, M. 4448
 Zavala, F. 178, 1100, 2461, 2480, 3546, 4023
 Zdero, M. 3807
 Zeballos, R. 4653
 Zeckel, M. L. 1735
 Zee, C. L. M. van der 986
 Zeese, W. 787
 Zehra, K. 4736
 Zeiniev, N. R. 4372
 Zeissig, R. 4236
 Zeit, M. 2619
 Zellen, G. 4774
 Zellmann, R. 702
 Zeng, G. F. 2812
 Zerboni, M. 5057
 Zevering, Y. 4430
 Zglobica, A. 3275
 Zhai, S. 3195
 Zhan, H. T. 2515
 Zhang, C. G. 1052, 3499
 Zhang, C. W. 3592
 Zhang, D. J. 2602
 Zhang, D. L. 2205
 Zhang, D. Z. 3957
 Zhang, F. 3291
 Zhang, G. C. 3218
 Zhang, H. Y. 3535-3536
 Zhang, K. Y. 2685
 Zhang, M. S. 2812
 Zhang, R. 2699
 Zhang, S. Y. 3243, 3995
 Zhang, W. Q. 3995
 Zhang, X. 2253
 Zhang, Y. 4514
 Zhang, Y. L. 3646
 Zhang, Y. S. 484
 Zhang, Z. N. 3289
 Zhang, Z. Q. 2396
 Zhao, F. 1092
 Zhao, L. P. 4000
 Zhao, M. L. 2447
 Zhao, X. J. 484
 Zhao, Y. R. 59, 539
 Zheng, F. X. 2699
 Zheng, H. 227
 Zheng, X. N. 5106
 Zheng, X. Y. 3248
 Zheng, Z. J. 984, 3243
 Zhenikhina, I. I. 2316
 Zhong, G. M. 5118
 Zhong, X. L. 2772-2773
 Zhou, L. 4854
 Zhou, L. P. 3054
 Zhou, S. W. 2894
 Zhou, W. S. 4200
 Zhou, X. H. 2906
 Zhou, Z. T. 3277
 Zhu, F. C. 2520
 Zhu, G. 947
 Zhu, G. C. 1062
 Zhu, J. 4200
 Zhu, J. D. 4849
 Zhu, J. F. 2771, 2923
 Zhu, L. Y. 380
 Zhu, Y. S. 197
 Zhuravleva, T. B. 2895
 Ziauddin, K. S. 542
 Zicker, F. 1286, 1806
 Zidek, W. 2376
 Zidovetzki, R. 4570-4571
 Ziegler, J. 15
 Zieler, H. A. 5025
 Ziemer, E. L. 1421
 Zierdt, C. H. 3031, 4058
 Ziganshina, N. Kh. 2379
 Zijlstra, E. E. 1493, 2932, 2952
 Zilberstein, B. 203
 Zilberstein, D. 1855
 Zimmerman, A. M. 4488
 Zimmerman, G. L. 1367
 Zimmerman, J. J. 4104
 Zimmerman, P. E. 1780
 Zingales, B. 2747
 Ziomko, I. 2594
 Zítová, D. 4448
 Živković, J. 2590
 Ziyadeh, Y. 1496
 Žižka, Z. 102
 Zohar, S. 198
 Zohoun, T. 1570
 Zomerdijk, J. C. B. M. 749
 Zoppo, M. 2550
 Zot, H. G. 2260
 Zotter, G. M. 149, 3695, 4593
 Zou, L. 981
 Zoysa, A. P. K. de 786, 5028
 Zu, S. X. 4492
 Zubchuk, M. P. 2960
 Zucca, M. 1169, 2468, 4991
 Zuidema, J. 2421
 Zuk, M. 3636
 Zulian, G. 3463
 Zulueta, J. de 3238, 3357
 Zumbach, S. 2982
 Zumla, A. 1044, 5063
 Zumoff, B. 193
 Zuo, Y. X. 42
 Zurita, M. 3606, 4945
 Zvantsov, A. B. 1911
 Zwaal, R. F. A. 298
 Zwaal, R. R. 750
 Zwart, D. 202, 2233, 4480
 Zweifach, P. H. 3805
 Zweygarth, E. 881, 1240, 1551, 2455
 Zwierzynski, T. A. 746
 Zwingenberger, K. 2182
 Zytovicz, T. H. 373

SUBJECT INDEX

- 3'-Deoxyinosine, *Entamoeba histolytica***
1241
- 5'-Deoxy-5'-(hydroxyethyl)thioadenosine, *Trypanosoma brucei*, mice** 896
- 5'-Methylthioadenosine, *Trypanosoma brucei*, in vitro** 896
- 566C80**
Pneumocystis carinii, human immunodeficiency virus, man 1932
Toxoplasma gondii, in vitro 369
87/305, *Leishmania donovani*, hamsters 2852
- Abortion**
Neospora, cattle 2237
Neospora caninum
cattle 1704, 1832, 2073, 3134, 3413
sheep 1432
Sarcocystis
cattle 211, 2073
goats 4752
Toxoplasma gondii 1091
cattle 2073
goats 212, 4499
guineapigs 1022
sheep 212, 2567
Tritrichomonas foetus, cattle 213
Trypanosoma brucei, sheep 4912
- Acanthamoeba**
Candida albicans, man, UK 3373
chemotaxonomy 1156, 4540
chlamydia, man, interactions 3378
DNA 1464
dogs, USA 1707
enzymes 3595
human immunodeficiency virus
diagnosis 2517
USA 2517, 4798
kinetics 4920
lectins 752
lipids 1450
Listeria monocytogenes, interactions 1326
man 77
Australia 3800
conferences 5151
diagnosis, reviews 4271
drug therapy 3800
eyes 3396
France 4788
histopathology, reviews 4271
Mexico 3806
pathogenesis 1834
reviews 1320, 1726-1727, 1834, 2608, 4272
USA 3377-3378
mice, pathogenicity 447
molecular genetics 248
myosin 3159
nucleotide sequences 1464
enzymes, myosin I, gene targeting 249
pigs, histopathology, experimental infections 4483
proteins 1450
rats, disease models 4765
reviews 1319
water
Germany 3768
Spain 447
- Acanthamoeba castellanii**
amitosis 1452
antibiotics, in vitro 5110
antifungal agents, in vitro 5110
biochemistry
phosphonic acids
hydroxylation 727-728
synthesis 727-728
birds
host specificity 4348
susceptibility 4348
cornea, in vitro 4348
disinfectants, in vitro 1986
enzymes 734, 2255-2256, 3142, 4921, 4929, 4931
fatty acids 3139
- Acanthamoeba castellanii cont.**
macrophages, in vitro 4411
magainins, in vitro 5111
mammals
host specificity 4348
susceptibility 4348
metabolism 1447
restriction fragment length polymorphism, mitochondrial DNA 763
soil, *Fusarium oxysporum* 5147
steroids, in vitro 5110
techniques, staining, DNA, amitosis 1452
Trypanosoma cruzi, epitopes, cross reaction 4929
- Acanthamoeba culbertsoni**
cytolysis 420
 α -difluoromethylornithine, in vitro 5108
enzymes 3575, 4944
isolation 420
man, drug therapy 4944
polyamines 4944
purification 420
- Acanthamoeba jacobsi**
mice, pathogenicity 4816
new species, sewage effluent, USA 4816
- Acanthamoeba lugdunensis**, man, Germany 1156
- Acanthamoeba polyphaga**
disinfectants, in vitro 1986
macrophages, in vitro 4411
magainins, in vitro, pharmacokinetics 4655
rats, immune response 2693
restriction fragment length polymorphism, mitochondrial DNA 763
techniques, cryopreservation 4676
- Acanthamoeba rhysodes**, human immunodeficiency virus, man, USA 4797
- Acari**, biological control agents 1653
- Accipiter gentilis, *Sarcocystis*, USA** 3434
- Acclimatization**
protozoa
aquatic organisms, transmission, reviews 4597
fishes, transmission, reviews 4597
- Achalasia, *Trypanosoma cruzi*, man, Guyana** 4787
- Acid phosphatase, *Leishmania mexicana*** 3154
- Acridioidea**, Microspora, USSR, books 70
- Acryllium vulturinum, *Eimeria*, Somalia** 1028
- Actin, *Cryptosporidium parvum*** 1868
- Actinobdella inequianulata**
Trypanosoma catostomi
Canada, transmission 5024
susceptibility 5024
- Actinocephalus, *Phyllophaga anxia*, Canada** 4783
- Acupuncture, *Plasmodium falciparum*, man** 4164
- Acute lower respiratory infections, *Plasmodium*, man, Gambia** 1280
- Acylates, derivatives, *Plasmodium falciparum*** 380
- Adenosine**
analogues
Babesia bovis, in vitro 1975, 4647
Plasmodium berghei, mice 4647
Plasmodium falciparum, in vitro 4647
- Adherence, *Entamoeba histolytica*, lectins** 3640
- Adjuvants**
Babesia bovis 4892
Plasmodium cynomolgi, synthetic vaccines 4897
Plasmodium falciparum 2671
- Aedes aegypti**
Ascogregarina armigerei, pathogenicity 556
Hepatozoon, transmission 318
Leishmania donovani, development 5019
peritrophic membrane 5023
Plasmodium gallinaceum
development 3214
host parasite relationships 1903
infectivity 4888, 5023
susceptibility 1912
- Aedes albopictus**
Ascogregarina armigerei, pathogenicity 556
Lambornella clarki, development 4778
- Aedes punctor**
Amblyospora punctor
development 102
new species, Czechoslovakia 102
- Aedes sierrensis**
Lambornella clarki
host parasite relationships 4780
USA 1720, 2601, 4779
- Aedes togoi, *Plasmodium gallinaceum*** 596
- Aedes triseriatus, *Ascogregarina armigerei*, pathogenicity** 556
- Aegyptianella**, birds, Ethiopia, checklists 4338
- Aethiomastacembelus frenatus, *Trichodina frenata*, new species, Namibia** 3943
- Aetiology**
dermatomyositis, man 2040
diarrhoea 1273
- Aflatoxins, *Plasmodium berghei*, mice** 3538
- Africa**
Babesia, cattle, control 841, 1538
Congo, *Trypanosoma gambiense*, man 4864
Côte d'Ivoire, *Trypanosoma gambiense*, man 4864
Gabon, *Trypanosoma gambiense*, man 4864
Mozambique, *Trypanosoma rhodesiense*, man 4864
Opalinidae, Anura 106
- Plasmodium**
Anopheles dirus, transmission 1914
drug resistance 876
lizards, reviews 546
man 2534, 4302, 5009
control 876, 952
economic analysis 1036-1039
epidemiology 1914, 2793
prophylaxis 2383
Plasmodium falciparum
chloroquine, drug resistance 1967
drug resistance
4-aminoquinolines, reviews 5082
antifolates, reviews 5082
chloroquine 4182-4183, 4185
halofantrine 4185
mefloquine 4185
pyrimethamine sulfadoxine 4185
quinine 4185
man 3257, 4730
drug therapy 848
prophylaxis 3691, 5055
Plasmodium ovale, drug resistance, chloroquine 4185
Plasmodium vivax, drug resistance, chloroquine 4185
protozoa
Lamprotornis purpureus 4769
livestock 2111
man, epidemiology 3825
Sudan, *Trypanosoma gambiense*, man 4864

Africa cont.

- Theileria*
cattle
control 841-842, 1538, 3675
epidemiology 801, 837
Theileria annulata, cattle, control 1918
Theileria parva
cattle
control 1535, 2611
epidemiology 836
losses 2611
Rhipicephalus appendiculatus, transmission 836
Trichomonas vaginalis, man, epidemiology 3825
Trypanosoma
cattle 499, 834
control 838
epidemiology 2203
control, reviews 3244
Glossina 834
history 5148
human immunodeficiency virus, epidemiology 1173
man
control 838
epidemiology 793
ruminants, losses 4915
Trypanosoma brucei
cattle 491
man, reviews 2119
sheep 491
Trypanosoma congolense
cattle 491
drug resistance
diminazene 2392
isometamidium 2392
sheep 491
Trypanosoma gambiense, man, control 4128
Trypanosoma rhodesiense, man, control 4128
Trypanosoma vivax
cattle 491
sheep 491
trypanotolerance, cattle 492
Uganda, *Trypanosoma rhodesiense*, man 4864
Zaire, *Trypanosoma gambiense*, man 4864
Zambia, *Trypanosoma rhodesiense*, man 4864
- Agama agama**
Haemaphysalis omogoi, new species, Kenya 1340
Haemaphysalis mungutii, new species, Kenya 1340
Plasmodium, Kenya 1342
Plasmodium bowiei, new species, Kenya 1341
Plasmodium gloriati, new species, Kenya 1341
Plasmodium icapeensis, new species, Kenya 1341
Plasmodium kadogoi, new species, Kenya 1341
Plasmodium kyati, new species, Kenya 1341
Plasmodium odhiamboi, new species, Kenya 1341
Plasmodium sapaaensis, new species, Kenya 1341
- Agama stellio**
Haemaphysalis edomensis, new species, Jordan 2654
Schellackia agamae, life history 3496
- Age differences**
Plasmodium falciparum 667
quinine, pharmacokinetics 2409
- Agglutination tests**
Leishmania donovani 330, 2700
Toxoplasma gondii 165, 473, 1091, 1097, 1397, 2193, 2201, 2983, 3533, 4001, 4876, 4880
Trypanosoma evansi 3532, 3535
Trypanosoma gambiense 1093
man 5141
Trypanosoma rhodesiense 4867
- Aggregata**, *Octopus tehuelchus*, Mexico 1032

- Aggregata dobelli**, new species, *Octopus dofleini*, Canada 4369
Aggregata millerorum, new species, *Octopus bimaculoides*, USA 4369
Agkistrodon contortrix contortrix, *Sarcocystis*, USA 2666
Agouti paca, *Leishmania lainsoni*, Brazil, new host records 3009
Agricultural development, vector-borne diseases 3215
Agriocnemis, *Mukundaella agriocnemii*, new species, India 3483
Agriocnemis pygmaea, *Levinia agriocnema*, new genus, new species, India 1051
AIDS (see human immunodeficiency virus)
Aircrows, *Plasmodium* 1930
Alborixin, *Cryptosporidium parvum*, mice 865
Alburnus, *Ichthyophthirius multifiliis*, host parasite relationships 4585
Alburnus albolella, protozoa, Italy 1031
Alcoholic beverages, *Entamoeba histolytica* 2042
Alectoris graeca saxatilis, *Eimeria*, France 1311
- Algeria**
Leishmania
man 2532
control 4234
Leishmania major, *Phlebotomus papatasi* 4117
Phlebotomus papatasi, control 4234
Plasmodium falciparum, man, epidemiology 5007
Plasmodium malariae, man, epidemiology 5007
- 4-(4-Alkylpiperazinyl-1)phenylamine substituted benzo(g)quinolines**, *Plasmodium berghei*, mice 4633
- Alloenzymes**, *Giardia duodenalis* 3630
Allolobophora caliginosa, *Zygocystis cometa*, Poland, new geographic records 3444
Allolobophora chlorotica, *Apolocystis spinosa*, Poland, new geographic records 3444
- Allopurinol**
Leishmania, man 860, 1957
Leishmania braziliensis, man 4653
Leishmania panamensis, man 3698
Allosamidin, *Entamoeba invadens* 4062
- Alopex lagopus**
Encephalitozoon cuniculi
Czechoslovakia 1706
pathology 713
Toxoplasma gondii, pathology 713
Alosa pseudoharengus, *Goussia clupearum*, Canada 548
Amastigotes, *Leishmania braziliensis* 1417
Amaurornis phoenicurus, *Plasmodium formosanum*, Malaysia, new host records 541
- Amazona aestiva**
Eimeria 4770
Trichomonas gallinae, USA 3435
- Amblyospora**
Culex dolosus, Argentina 68
Culex pipiens, Egypt 2802
Edhazardia aedis, Culicidae, biological control 1606
ultrastructure, spores 3948
Amblyospora bracteata, *Simulium damnosum*, Nigeria 2105
Amblyospora dyxenoidea
Culex annulirostris, development 3760
Mesocyclops albicans, development 3760
Amblyospora egypti, new species, *Culex pipiens*, Egypt 3059
Amblyospora macrococcus
new combination 3948
ultrastructure, spores 3948
Amblyospora punctor
Aedes punctor, development 102
new species, *Aedes punctor*, Czechoslovakia 102
Amblyospora trinus, new species, *Culex halifaxii*, Australia 592
Amblyospora varians, *Simulium damnosum*, Nigeria 2105
Ameca splendens, *Ichthyophthirius multifiliis*, resistance 2712

- Ameiva ameiva**, *Eimeria guyanensis*, new species, Guyana 1050
- Amia calva**
Trypanosoma catostomi, susceptibility 5024
Trypanosoma phaleri
development 5142
infectivity 5142
- Amines**, *Leishmania donovani* 3191
- Amino acids**
analogues, *Trichomonas vaginalis*, in vitro, mode of action 4662
Giardia duodenalis 3593
Giardia muris 3589
Leishmania donovani, metabolism 3138
Trypanosoma brucei 2752, 4927
Trypanosoma evansi 2816
- Aminooxyacetic acid**, toxicity, quinine 5086
- Aminopterlin**
mode of action 2894
Plasmodium yoelii, in vitro, mode of action 2894
- 4-Aminoquinolines**, *Plasmodium falciparum*, Africa, drug resistance, reviews 5082
- 8-Aminoquinolines**
dogs, pharmacokinetics 5098
Plasmodium cynomolgi, *Mucaca mulatta* 868
- Amitosis**, *Acanthamoeba castellanii* 1452
- Amlodipine**
chloroquine, *Plasmodium yoelii*, mice 897
Plasmodium falciparum, chloroquine, in vitro, potentiation 897
- Ammonium chloride**
Leishmania donovani, macrophages, in vitro 4938
Leishmania mexicana, macrophages, in vitro 4938
- Amniocentesis**, *Toxoplasma gondii* 425, 4261
- Amodiaquine** 3695
drug resistance 2864
man, pharmacokinetics 384
pharmacokinetics 366, 384, 2878
Plasmodium, man 4231
Plasmodium falciparum
Brazil, drug resistance 3695
Cameroon, drug resistance 4184
Congo, drug resistance 2865
drug resistance 2832
in vitro 353, 3681
India, drug resistance 3681
Kenya, drug resistance 5039
man 861, 2819, 3266, 3681, 3686, 4138, 5039, 5082
Papua New Guinea, drug resistance 2864, 3286
rats, pharmacokinetics 366, 2878
toxicity, man 4231
- Amoeba proteus**, *Euphorbia hijrta*, extracts 4191
- Amoebae**, sheep, USA 2984
- Amoeboma**, disease models 3430
- Amphotericin B**
Cryptosporidium parvum, in vitro 1590
Ichthyophthirius multifiliis 349
Leishmania amazonensis
in vitro, mode of action, amastigotes 2412
man 1
Leishmania mexicana, in vitro, mode of action, amastigotes 2412
liposomes, *Leishmania donovani*, man 4627
mode of action 2412
- Ampicillin**
man, pharmacokinetics 2425
pharmacokinetics 2425
Plasmodium vivax, in vitro 5109
- Amprol** (see amprolium)
- Amprolium**
coccidia, sheep 4151
drug residues 2436
Eimeria
fowls 1197
turkeys 1198
Eimeria tenella
embryos 377
fowls 4634
ethopabate, coccidia, gamebirds 1925

- Amprolium** *cont.*
 feeds 2436
 fowls 3275
 pharmacokinetics 1234
 techniques, detection, feeds 2436
 toxicity
 embryos 377
 sheep 5116
 turkeys, pharmacokinetics 1234
- Amyloodinium ocellatum**, *Oreochromis aureus*, immunodiagnosis 3522
- Anaemia**
Eimeria, Trichostrongylidae, goats 1301
Plasmodium, children 2835
Plasmodium falciparum 3380
 pregnancy 2228
Plasmodium vivax 3380
Theileria sergenti, cattle 3126
Trypanosoma congolense 719
Trypanosoma vivax, sheep 4907
- Anas rubripes**, *Sarcocystis*, USA 3014
- Anatidae**
Haemoproteus greineri, Canada 4339
Haemoproteus nettionis, Canada 4339
Leucocytozoon simondi, Canada 4339
- Ancistrum mytili**, *Mytilus galloprovincialis*, Spain 1721
- Anguilla**, *Dermocystidium anguilla*, Greece 3020
- Anguilla rostrata**, *Trypanosoma catostomi*, susceptibility 5024
- Animals**
Cryptosporidium
 epidemiology, reviews 303
 immunocompromised hosts, immunotherapy 5038
 reviews 569
Isospora, immunocompromised hosts, immunotherapy 5038
Leishmania, diagnosis, reviews 2606
Plasmodium, diagnosis, reviews 2606
Sarcocystis 71
Toxoplasma gondii
 epidemiology, reviews 4120
 transmission, reviews 4120
Trypanosoma
 diagnosis, reviews 2606
 reviews 2113
Trypanosomatidae 3371
- Anisoboloides bulliardi**, new combination 3937
- Anisoboloides desportis**, new combination 3937
- Anisoboloides gymnopholi**, new combination 3937
- Anisoboloides jolivetii**, new genus, new species, *Brachyomus histrio*, Venezuela 3937
- Anisobolus bulliardi**, nomenclature 3937
- Anisobolus desportis**, nomenclature 3937
- Anisobolus gymnopholic**, nomenclature 3937
- Annual reports** (*see reports*)
- Anolis carolinensis**
Eimeria anolidis, new species, USA 1050
- Hepatozoon**
 experimental infections 318
 pathogenicity 318
- Anolis sagrei**
Hepatozoon
 experimental infections 318
 pathogenicity 318
- Anopheles**
 Asia 1650
 Cameroon, control, economics 3906
 China, control 2447
 control 909
 reviews 2897, 3743
 India 2320, 2324
 control 400
 rice fields 5015
 Indonesia, control 1268
 Mediterranean Countries 1647-1649
 Mexico, control 3666
Plasmodium
 Asia, transmission 1913
 China, transmission 2806
 detection 2479
 development 2484
 immunodiagnosis 2480
 India, transmission 4999
 Taiwan, reviews 317
- Anopheles** *cont.*
Plasmodium *cont.*
 transmission
 mathematical models 4113
 reviews 3220
- Plasmodium cynomolgi*, susceptibility 1514
- Plasmodium falciparum*
 Burkina Faso, transmission 1494
 Dominican Republic 1513
 identification, ELISA 406
 infectivity 3700
 Italy, transmission 1906
 Kenya 1515
 transmission 4608
Plasmodium vivax, susceptibility 1525
 South East Asia, reviews 311
 Sri Lanka, ecology 1179
 techniques, detection, *Plasmodium falciparum* 1515
- Anopheles albimanus**
 chemotaxonomy 3216
Plasmodium berghei
 density 1524
 kinetics 1524
- Anopheles arabiensis**
 Kenya 2321
Plasmodium falciparum, Kenya, transmission 3659
- Anopheles coustani**, *Plasmodium*, Sao Tome and Principe 4110
- Anopheles darlingi**
 Argentina 2788
Plasmodium falciparum, Suriname, transmission 4115
Plasmodium vivax, transmission, chloroquine 1526
 Suriname 820
- Anopheles dirus**
Plasmodium
 Africa, transmission 1914
 Asia, transmission 1914
 China, transmission 3210
 development 2009
 India, transmission 5016
 transmission 817
Plasmodium falciparum, transmission 815
Plasmodium vivax, transmission 4734
- Anopheles donaldi**, *Plasmodium*, Malaysia 2800
- Anopheles freeborni**
Plasmodium berghei
 density 1524
 kinetics 1524
Plasmodium falciparum 479
Plasmodium vivax, transmission 4734
- Anopheles funestus**
Plasmodium falciparum
 immunodiagnosis 1905
 Madagascar, transmission 789
- Anopheles gambiae**
 biological control 1245
 Burkina Faso, control 3325
 control 912-915
Plasmodium
 Cameroon 4114
 transmission 4602
 Gambia, transmission 5025
 Sao Tome and Principe 4110
Plasmodium falciparum
 Burkina Faso, transmission 3651
 development 4611
 immunodiagnosis 1905
 Kenya, transmission 3659
 Madagascar, transmission 789
 Tanzania 4611
Plasmodium vivax
 susceptibility 2325
 transmission 4734
Vavraia culicis, Senegal 4387
- Anopheles hermsi**, *Plasmodium*, USA, transmission 1523
- Anopheles kunmingensis**, China 3218
- Anopheles litoralis**, *Plasmodium falciparum*, experimental infections 4609
- Anopheles maculatus**
Plasmodium
 Malaysia 2800
 transmission 835
- Anopheles mascarensis**, *Plasmodium falciparum*, Madagascar, transmission 3222
- Anopheles messeae**, *Paratellohania illinoisensis* var. *messeae*, USSR 1754
- Anopheles minimus**
Plasmodium
 China, transmission 3210
 India, transmission 1671
 Myanmar 1181
- Anopheles neivai**, *Plasmodium*, Colombia, transmission 309
- Anopheles nili**, *Plasmodium*, Cameroon, transmission 4602
- Anopheles pseudowillmori**, *Plasmodium falciparum*, transmission 815
- Anopheles pulcherrimus**, *Plasmodium galinaceum*, experimental infections 1911
- Anopheles quadrimaculatus**, *Paratellohania obesa*, transmission 315
- Anopheles sacharovi**
Plasmodium gallinaceum, experimental infections 1911
Plasmodium vivax, development 826
- Anopheles sinensis**
 China, control 5118
Plasmodium vivax, China 3646
Plasmodium yoelii nigeriensis, feeding behaviour 3657
- Anopheles stephensi**
 chemotaxonomy 3216
 peritrophic membrane 5023
Plasmodium
 immunodiagnosis 3988
 India, transmission 5020
Plasmodium berghei
 density 1524
 detection 436
 development 1182, 1611
 host parasite relationships 3216
 infectivity 5023
 kinetics 1524
 transmission 4116
Plasmodium falciparum
 biological control 2898
 detection 436
 infectivity 2775
Nosema algerae, interactions 2898
 transmission 806, 4613
Plasmodium vivax
 circumsporozoite protein 2748
 transmission 4734
Plasmodium yoelii nigeriensis
 feeding behaviour 3662
Nosema algerae, interactions 1528
 repellents 1608
 techniques, detection, sporozoites 3988
- Anopheles vestitipennis**, Mexico 811
- Antarctica**
Ceratomyxa, *Trematodus bernacchii*, new host records 790
Henneguya, *Trematodus bernacchii*, new host records 790
Myxoproteus, *Trematodus bernacchii*, new host records 790
 parasites, *Trematodus bernacchii* 790
Zschokkella, *Trematodus bernacchii*, new host records 790
- Antarctoneisotes elongatus**
Gregarina muniti
 Marion Island
 new geographic records 3892
 new host records 3892
- Antibiotics**
Acanthamoeba castellanii, *in vitro* 5110
Encephalitozoon cuniculi, human immunodeficiency virus, man 1330
- Antibodies** 835, 2172
 (*see also* immunoglobulins; Monoclonal antibodies)
Babesia bovis 3517
Babesia equi 627
Cryptosporidium parvum 3520
Eimeria tenella 1096, 4868
Entamoeba histolytica 4017, 4401
Giardia duodenalis 3086, 3980
 laminins, *Trypanosoma cruzi* 4474
Leishmania aethiopica 3079
Leishmania braziliensis 128, 1417
Leishmania donovani 4413
Leishmania infantum infantum 48, 1094

Leishmania panamensis 128
Leishmania tropica 3799
Myxobolus cerebralis 2192
Plasmodium, platelets 3527
Plasmodium chabaudi 4901
Plasmodium cynomolgi 1369, 1764
Plasmodium falciparum 120, 126, 618, 769, 1087, 1100, 1365, 1543, 1785, 1787, 2189, 2671, 2685, 3080, 3107, 3512, 3958, 4591
 man, immunity 1408
 merozoites 3515
Plasmodium vivax 126, 1785, 3554, 3959
Plasmodium yoelii 631, 641, 3084
Pneumocystis carinii 2144, 2187
 quinidine 4206
 quinine 4206
Toxoplasma gondii 1766, 1805, 2670, 2674, 2701-2702, 2963, 3999, 4036
 in vitro 3984
 man 2548
Trichomonas vaginalis 2181, 2184
Trypanosoma congolense 1799, 3516
Trypanosoma cruzi 128, 1070, 1072, 1074, 1114, 1368, 1781, 2297, 2688, 3085, 4423, 4851, 4901
Trypanosoma evansi 3739
Trypanosoma gambiense 2170
Trypanosoma vivax 3516
Antifolates, *Plasmodium falciparum*, Africa, drug resistance, reviews 5082
Antifungal agents, *Acanthamoeba castellanii*, in vitro 5110
Antigenic determinants, *Babesia bovis*, merozoites 1077
Antigenic mimicry, *Trypanosoma cruzi* 3174
Antigenic polymorphism
Babesia bigemina 180
Plasmodium falciparum 2681
Antigenic variation
Giardia duodenalis 1372, 1466, 3519, 3608
Plasmodium falciparum 1871, 2188
Pneumocystis carinii 3089
Trypanosoma 756, 1360
 reviews 2278
Trypanosoma brucei 129, 725
Antigens
 cross reaction, *Babesia capreoli*, *Babesia odocoilei* 2665
 Apicomplexa 612
Babesia bigemina 180, 260
Babesia bovis 158, 4462, 4893
 merozoites 2675
Babesia canis 3551
Babesia divergens 157, 1366
Besnoitia besnoiti 1779
Cryptobia bullocki 2263
Cryptobia catostomi 2263
Cryptobia salmositica 2263
Cryptosporidium 3081
Cryptosporidium parvum 146, 3082
 oocysts 2689
 sporozoites 3626
Eimeria 1819
 characterization 4425
Eimeria acervulina 1105
Eimeria maxima, gametocytes 3609
Eimeria tenella 1470, 4404, 4850
Entamoeba histolytica 191, 626, 1083, 3083, 3087, 3548, 3977, 4852
 man 118
 pathogenicity 3091
Giardia duodenalis 616, 1433, 2204, 3608, 3980
Leishmania 1789, 1874
Leishmania aethiopica 3079
Leishmania amazonensis 233
Leishmania braziliensis 128, 1870, 4402-4403
 man 4074
Leishmania chagasi 3523
Leishmania donovani 1767, 3509, 4856
Leishmania infantum infantum 1081
Leishmania major 701, 1081, 2185
Leishmania panamensis 128, 2695
Leishmania pifanoi 615
Plasmodium 623, 1111, 3964, 4587
 sexual stages 1359
Plasmodium berghei 646, 1794, 4891

Antigens cont.

Plasmodium berghei cont.
 merozoites 1414
 ookinetes 3547
Plasmodium cynomolgi 1764
Plasmodium falciparum 133, 145, 148, 152, 261, 265-266, 618, 639, 671, 741, 1067, 1073, 1079, 1144, 1152-1153, 1358, 1373, 1380, 1403, 1468, 1769, 1792, 1871, 1880, 2685, 2691, 2753, 3080, 3088, 3093, 3113, 3506, 3525, 3638, 3955, 4420, 4839, 4849
 erythrocytes 124, 3075
 merozoites 622, 2212, 2671, 2676, 2681, 3507, 3515, 3600, 3612, 4896
Plasmodium reichenowi 2765
Plasmodium vivax 141, 617, 1380, 2682, 2764
 merozoites 4953
Plasmodium yoelii 641, 3084
Pneumocystis carinii 1064, 2144, 2187, 2679, 3089, 4841
Sarcocystis 1367
Sarcocystis gigantea 151
Sarcocystis muris 3976
Theileria 2673
Theileria annulata 147, 250, 2190
Theileria bovis 1385
Theileria lawrencei 1385
Theileria parva 634, 1385
 sporozoites 3598
Toxoplasma gondii 1078, 1376, 1379, 1816, 1891, 2674, 2683, 2686, 2696, 3066, 3953, 4426
 immunochemistry 2684
Trichomonas foetus 614
Trypanosoma brucei 1404, 1791, 2258, 4406
Trypanosoma congolense 1404, 4406, 4439
Trypanosoma cruzi 127-128, 150, 153, 262, 264, 644, 744, 748, 1072, 1074, 1368, 1411, 1776, 1789, 3069, 3074, 3085, 3096, 3148, 3174, 3178, 3521, 3623, 3966, 4405, 4855, 4860
 man 143, 4074
 trypomastigotes 4954
Trypanosoma evansi 651
Trypanosoma gambiense 2170, 2285, 4406
Trypanosoma lewisi 4838
Trypanosoma vivax 1404
 cross reaction
Babesia bovis, *Babesia ovis* 158
Entoploypoides macaci
Babesia bigemina 654
Babesia bovis 654
Babesia canis 654
Plasmodium falciparum 654
Hammondia hammondi, *Toxoplasma gondii* 4437
Plasmodium falciparum
 developmental stages 4408
 man 3965
Trypanosoma cruzi, *Trypanosoma rangeli* 3975

Antimalarials (see also named drugs)

adsorption, charcoal 3735
Alstonia, extracts 361
Alstonia boonei, extracts 2399
Alstonia scholaris, extracts 1575
Artemisia, extracts 361
Artemisia annua, extracts 1223, 1578, 4192
Artemisia mesatlantica, extracts 1579
Bridelia cathartica, extracts 3287
Cinchona, extracts 361
 costs 4664
Croton megalobotrys, extracts 2411, 4657
 distribution 4664
 drug combinations, drug resistance 5083
 drug metabolism 3300
Eurycoma longifolia, extracts 4190
 fatty acids 2426
Ficus pyrifolia, extracts 363
Khaya grandifoliola, extracts 3717
Khaya ivorensis, extracts 3717

Antimalarials cont.

Khaya senegalensis, extracts 3717
 man, pharmacology 2889
 mode of action 1235, 1589, 3291, 3298, 4661
 pharmacokinetics 887, 1582, 1593, 1976, 2409, 2421, 2430, 3298, 4661, 5097-5098
 plant extracts 3369
Plasmodium, man 1926
Plasmodium berghei, mice 3684
Plasmodium falciparum, man 1554, 1952, 1955-1956
Plasmodium vivax, man 1952
 pyronaridine 1976
 reviews 341
 rheumatoid arthritis 4221
Rhus taratana, extracts 363
Simira mexicana, extracts 1576
Spirostachys africana, extracts 3287
Streblus asper, extracts 364
 structure activity relationships 3294
Sweria, extracts 361
 techniques
 detection
 serum 1624
 urine 1624
 quantification
 serum 1624
 urine 1624
 screening 5121
 testing 3750
 toxicity
 man 4215
 reviews 1988, 2885
Antimony
Leishmania major, drug resistance 2397
Sauroleishmania tarentolae, drug resistance 2397
Antimony sodium tartrate, *Leishmania* 2397
Antiprotozoal agents (see also named drugs; Antimalarials; Coccidiostats; Novel antiprotozoal agents; Trypanocides)
Achillea fragrantissima, extracts 4621
Alstonia, extracts 361
Alstonia boonei, extracts 2399
Alstonia scholaris, extracts 1575
 amodiaquine, structure 1585
Amoora rohitika, extracts 1226
Anabasis articulata, extracts 4621
 analogues, DNA binding 5090
Artabotrys hexapetalus, extracts 4200
Artemisia, extracts 361
Artemisia absinthium, extracts 4211
Artemisia annua, extracts 1223, 1578, 1978, 4192
Artemisia herba-alba, extracts 4621
Artemisia mesatlantica, extracts 1579
Asphodelus microcarpus, extracts 4621
 awamycin 3731
Babesia bovis, in vitro, mode of action, mitochondria 3146
Berberis aristata, extracts 1587
 books, WHO 3787
Bridelia cathartica, extracts 3287
Calotropis procera, extracts 1226
 chemistry 1224
 chloroquine, photochemistry 2429
Cinchona, extracts 361
Cleome droserifolia, extracts 4621
Cochlospermum angolense, extracts 3696
Croton megalobotrys, extracts 2411, 4657
Curcuma zedoaria, extracts 1580
 determination 1243
 dosage 1599
 drug metabolism 3300
Enantia chlorantha, extracts 4622
Euodia fatraina, extracts 3288
Eurycoma longifolia, extracts 4190
Ficus pyrifolia, extracts 363
 general account 1984
Halorrhena floribunda, extracts 1602
Hammada salicornica, extracts 4621
 intestinal microorganisms 4207
Khaya grandifoliola, extracts 3717
Khaya ivorensis, extracts 3717
Khaya senegalensis, extracts 3717

Antiprotozoal agents cont.

- Leishmania*, mode of action, reviews 4942
- man, prophylaxis, gram-negative bacteria 3309
- melons, extracts 4140
- metronidazole 2890
- mode of action 223, 365, 379, 385, 387, 899, 901, 1235, 1238, 1581, 1587, 1589, 1980, 2412, 2414-2415, 2422, 2433, 2870, 2872, 2879, 2892-2894, 3157, 3291-3293, 3298-3299, 3302, 3314, 3725, 3732, 4197-4199, 4202, 4655, 4661, 4995, 5087, 5096, 5102-5104, 5115
- in vitro* 1588
- mitochondria 3146, 3588
- Nicotiana glauca*, extracts 4621
- Nyctanthus arborescens*, extracts 1922
- oxadiazoles 4223
- Oxandra espinosa*, extracts 1577
- pentamidine 2424
- performance testing 894
- pharmacokinetics 329, 366, 370, 372, 381, 383-384, 396, 887, 927, 1234, 1244, 1552, 1582, 1586, 1593, 1600, 1976-1977, 1982, 2349, 2391, 2403-2404, 2406-2407, 2409, 2413, 2421, 2425, 2430, 2452, 2871, 2878, 2888, 3277, 3295, 3298, 3722-3723, 3726, 3733, 4141, 4194, 4196, 4201, 4208, 4654, 4661, 5085, 5092-5093, 5097-5098
- pregnancy 1953
- pharmacology 891
- Piper longum*, extracts 1226
- plant extracts 457, 1933
- Plasmodium*, *in vitro* 382
- Pneumocystis carinii*
- human immunodeficiency virus, man 3685
- in vitro*, screening 1987
- Polyalthia macropoda*, extracts 884
- Punica granatum*, extracts 2419
- purines, analogues 4649
- pyronaridine 1976
- quantification 407
- quinine 885
- research, reviews 1553
- Retama retama*, extracts 4621
- reviews 26, 1989, 3724
- Rhus taratana*, extracts 363
- Simira mexicana*, extracts 1576
- Spirostachys africana*, extracts 3287
- Sireblus asper*, extracts 364
- structure activity relationships 3294, 3296
- suramin 5091, 5094
- Swertia*, extracts 361
- synthesis 3729
- techniques
- testing 1591, 3330
- in vitro* 1987
- Tephrosia purpurea*, extracts 1226
- Thymelaea hirsuta*, extracts 4621
- tinidazole 4225
- Toxoplasma gondii*
- in vitro* 369
- reviews 4227
- Trypanosoma*, mode of action, reviews 4942
- Tylophora hirsuta*, extracts 362
- watermelons, extracts 4140
- Anura**
- Nyctotherus cordiformis*, USA, population dynamics 545
- Opalina*, USA, population dynamics 545
- Opalinidae, Africa 106
- Aotus**
- chloroquine 4624
- Plasmodium*
- experimental infections, reviews 3852
- immunology, reviews 3852
- Plasmodium falciparum*, immunization 1818, 3552
- Plasmodium vivax*, drug therapy 4624
- Aotus azarae*, *Plasmodium vivax*, experimental infections 4734
- Aotus lemurinus*
- Toxoplasma gondii*
- immunization 177

***Aotus lemurinus* cont.**

- Toxoplasma gondii* cont.
- susceptibility 177
- Aotus nancymai*, *Plasmodium vivax*, experimental infections 4734
- Aotus trivirgatus*
- Plasmodium falciparum*
- immunization 671
- susceptibility 4003
- Aotus vociferans*, *Plasmodium falciparum*, experimental infections 479
- Apicomplexa**
- chemotaxonomy 2291
- mammals, host parasite relationships, reviews 4997
- morphology 2291
- phylogeny 2291
- poultry 1715
- Thunnus alalunga*
- New Zealand, geographical distribution 4775
- Southwest Pacific, geographical distribution 4775
- Apiosoma**, Salmonidae, South Africa 2100
- Apis mellifera**
- Nosema apis*
- haemolymph 2600
- pathology 4037
- Aplasmomycin**, *Plasmodium yoelii* 2877
- Apodemus**
- Eimeria*
- host specificity 1336
- synonyms 1336
- Apodemus sylvaticus*, *Eimeria apionodes*, host specificity 413
- Apolocystis herculea**
- Aporrectodea caliginosa*
- Lumbricus rubellus*, Poland, new geographic records 3444
- Lumbricus terrestris*, Poland, new geographic records 3444
- Octolais lacteum*, Poland, new geographic records 3444
- Apolocystis lumbricoides**, *Helodrilus antipae*, Poland, new host records 3444
- Apolocystis minuta**
- Lumbricus castaneus*, Poland, new geographic records 3444
- Lumbricus terrestris*, Poland, new geographic records 3444
- Apolocystis pilosa**, *Lumbricus rubellus*, Poland, new geographic records 3444
- Apolocystis spinosa**
- Allolobophora chlorotica*, Poland, new geographic records 3444
- Eiseniella tetraedra*
- Poland
- new geographic records 3444
- new host records 3444
- Apolocystis vivax**, *Eiseniella tetraedra*, Poland, new geographic records 3444
- Aporrectodea caliginosa**
- Apolocystis herculea*
- Lumbricus rubellus*, Poland, new geographic records 3444
- Lumbricus terrestris*, Poland, new geographic records 3444
- Octolais lacteum*, Poland, new geographic records 3444
- Nematocystis elmassiani*
- Poland
- new geographic records 3444
- new host records 3444
- Zygocystis cometa*, Poland, new geographic records 3444
- Aprinocid-N-oxide**, *Toxoplasma gondii*, *in vitro* 369
- Aquaculture**, Latin America, bibliographies 963
- Aquarium fishes**
- parasites 2500
- protozoa, Turkey 2099
- Aquatic invertebrates**
- protozoa
- host parasite relationships, reviews 1490
- pathogenicity, reviews 1490
- Aquatic organisms**, protozoa, acclimatization, transmission, reviews 4597
- Aquila chrysaetos*, *Sarcocystis*, USA, new host records 3438

Arborophila gingica*, *Plasmodium*, China 2587*Argentina**

- Amblyospora*, *Culex dolosus* 68
- Anopheles darlingi* 2788
- Cryptosporidium*, man 3807
- Hazardia milleri*, *Culex pipiens* 3442
- Helmichia simuliae*, new species, *Cnesia dissimilis* 100
- Nosema*, *Ectomyeloides ceratoniae* 3446
- Plasmodium*, man, epidemiology 2788
- Ringueletium pillosa*, new genus, new species, *Gigantodax* 3485
- Sphaerospora andinae*, new genus, new species, *Gigantodax chilense* 3484
- Toxoplasma gondii*, immunocompromised hosts, man 1331
- Triatoma infestans*
- control 3213, 3664
- dogs 3415
- monitoring 3664
- Trichomonas gallinae*, *Amazona aestiva* 3435
- Trypanosoma*, *Boophilus microplus* 3661
- Trypanosoma cruzi*
- chemotaxonomy 2290
- Conenepus chinga*, new host records 522
- dogs 3415
- transmission 2306
- immunocompromised hosts, man 1331
- man 1188, 1825, 3301
- control 3213, 3664
- epidemiology 2306, 3213, 3415, 3664, 4595, 5027
- Triatoma infestans* 2306, 4595
- transmission 5027
- wild animals 4595
- Arginine**, *Giardia duodenalis*, catabolism 3574
- Argopecten irradians**, *Perkinsus karlsoni*, new species, Canada 1337
- Aristichthys nobilis**, parasites, Cuba 3889
- Arsenicals**
- Leishmania major*, drug resistance 2397
- Sauroleishmania tarentolae*, drug resistance 2397
- Trypanosoma brucei*, mice 1239
- Arsobal** (see melarsoprol)
- man, pharmacokinetics 2391
- pharmacokinetics 2391
- Trypanosoma gambiense*, drug resistance 2391
- Arteether**
- Plasmodium cynomolgi* 332
- Plasmodium falciparum*, man 1942
- Artemether**
- mefloquine, interactions, *in vitro* 3300
- Plasmodium falciparum*, man 4168
- Artemia**, *Nosema artemiae*, Spain 557
- Artemisia annua*, *in vitro* culture 1578
- Artemisinin** (see Qinghaosu)
- Artesunate**
- cattle, pharmacokinetics 3277
- mefloquine, interactions, *in vitro* 3300
- pharmacokinetics 3277
- Plasmodium falciparum*
- drug resistance, *in vitro* 2863
- man 4168
- Arthritis**
- Blastocystis hominis*, man 2538
- Giardia duodenalis* 2509
- man, interactions 3457
- Trichomonas vaginalis*, man, Italy 2558
- Arvicanthus niloticus**
- Eimeria arvicanthi*, Egypt 99
- Eimeria mehlhorni*, new species, Egypt 99
- Arvicola richardsoni**, USA 3003
- Ascogregarina armigeri**, *Aedes*, pathogenicity 556
- Ascogregarina chagasi**, *Lutzomyia longipalpis*, immune response 1762
- Ascogregarina saraviae**, *Lutzomyia*, Colombia 2801
- Ascorbic acid**
- Crithidia oncopelti*, *in vitro* 4210
- Plasmodium falciparum*, *in vitro* 4984
- Asexual reproduction**
- Plasmodium* 1352-1353

Asexual reproduction cont.

protozoa 1351

Asia*Anopheles* 1650*Plasmodium**Anopheles*, transmission 1913*Anopheles dirus*, transmission 1914

man 4302

epidemiology 1649-1650, 1913-1914

Theileria, cattle, control 3675*Theileria annulata*, cattle, control 1918**Aspirin**, *Plasmodium falciparum*, man 1935**Asses** (see donkeys)**Assessment**, vector-borne diseases, man, epidemiology 4605*Athene brama*, *Sarcocystis*, India 3012*Atherina hepsetus*, *Kudoa stellula*, new species, Black Sea 1347**Atlantic Ocean***Bipertia nototherniae*, new species,*Patagonatoben ramsayi* 3061*Ceratomyxa drepanopsettae*, *Reinhardtius hippoglossoides* 4342*Davisia galeiformes*, new species,*Lycodapus australis* 3061*Myxidium incurvatum*, *Reinhardtius hippoglossoides* 4342*Ortholinea divergens*, *Reinhardtius hippoglossoides* 4342*Paramyxoproteus reinhardti*, *Reinhardtius hippoglossoides*, new host records 4342**Atlantic salmon***Myxozoa*

Canada 4345

UK, proliferative kidney disease

OIMyxozoa 2597

Paramoeba, Australia 549*Trichodina truttae*, Canada 2599*Atylotus agrestis*, Saudi Arabia 3401*Atylotus farinosus*, Saudi Arabia 3401**Australia***Giardia duodenalis*, chemotaxonomy 2289

parasites, crabs 2106

parasitology, research 2015

*Perkinsus**Halitotis laevigata* 558

marine molluscs 558

Plasmodium vivax, man 355*Sarcocystis*, goats 4752

New South Wales

Blastocystis hominis, human immunodeficiency virus, man 4812*Endolimax nana*, human immunodeficiency virus, man 4812*Entamoeba coli*, human immunodeficiency virus, man 4812*Entamoeba histolytica*, man 3376*Giardia duodenalis*, man 3376*Goussia lomi*, *Maccullochella peeli*, fish farms 1718*Plasmodium falciparum*, man 4301*Plasmodium vivax*, man 4301*Sarcocystis*, man 2529*Toxoplasma gondii*

birds, zoological gardens 2589

Canis familiaris dingo 2991**Queensland***Acanthamoeba*, man 3800*Amblyospora trinus*, new species,*Culex halifaxii* 592*Babesia*, dogs 705*Balanitium zebrascopi*, new species,*Zebrasoma scopas* 3942*Haemogregarina*, *Litoria caerulea* 64*Haemoproteus gehyrai*, new species,*Gehyra australis* 2654*Haemoproteus mackerrasi*, new species,*Heteronotia binoei* 2654*Haemoproteus oedurae*, new species,*Oedura castelnaui* 2654*Isospora belli*, man 2530*Lankesterella hylae*, *Litoria caerulea*

64

Paracichlidotherus leeuwenhoekii,

new genus, new species,

Zebrasoma scopas 3942*Plasmodium falciparum*, man 4301,

5013

Australia cont.**Queensland cont.***Plasmodium vivax*, man 4301Pleistophoridae, *Cherax* 1317*Pneumocystis carinii*, human immunodeficiency virus, man 2627*Protoopalina australis**Litoria inermis* 600*Litoria nasuta* 600*Toxoplasma gondii*, birds, zoological gardens 2589**South Australia***Haemoproteus underwoodsauri*, new species, *Underwoodsaurus milii* 2654*Perkinsus olseni*, *Halitotis* 3445*Toxoplasma gondii*, birds, zoological gardens 2589**Tasmania***Blastocystis hominis*, man 475*Dientamoeba fragilis*, man 475*Endolimax nana*, man 475*Entamoeba coli*, man 475*Entamoeba histolytica*, man 475*Giardia duodenalis*, man 475*Paramoeba*

atlantic salmon 549

rainbow trout 549

Victoria

diseases, birds 2592

Toxoplasma gondii, birds, zoological gardens 2589**Western Australia***Babesia*, dogs 705*Kudoa thyristes*, *Caryphaena hippurus* 1316Pleistophoridae, *Cherax* 1317*Sarcocystis*, cattle 2319*Toxoplasma gondii*, birds, zoological gardens 2589**Austria***Entamoeba histolytica*, man 25

parasites

cats 2994

dogs 2994

Plasmodium falciparum, man 850

protozoa

dogs 1010

Lamprotornis purpureus 4769*Toxoplasma gondii*

human immunodeficiency virus, man

2648

man 3847

Autoantibodies*Babesia*, immunization 1409*Pneumocystis carinii* 4359*Toxoplasma gondii* 4359*Trypanosoma cruzi* 2720**Autoimmunity**

parasites, man, reviews 2669

Trypanosoma cruzi 3174**Aviaries**, *Sarcocystis falcatula*, Psittacidae,

USA 4337

Azidin (see diminazene)**2-Aziridinyl-1,4-naphthoquinonyl sulfonate**, derivatives, *Plasmodium falciparum* 380**Azithromycin***Cryptosporidium parvum*, rats 846*Giardia duodenalis**in vitro* 1939

mice 1939

pyrimethamine, *Toxoplasma gondii*, mice

4147

sulfadiazine, *Toxoplasma gondii*, mice

4147

Toxoplasma gondii

human immunodeficiency virus, man

2848

in vitro 369

mice 339, 1545, 4147

B lymphocytes*Cryptosporidium* 1797*Cryptosporidium parvum* 4419*Entamoeba histolytica* 1778*Leishmania* 1075*Leishmania infantum infantum* 1080*Plasmodium chabaudi* 3963*Plasmodium falciparum* 126*Plasmodium vivax* 126*Trypanosoma congolense*, sheep 3092**B lymphocytes cont.***Trypanosoma cruzi* 698**Babesia**

birds, Ethiopia, checklists 4338

cattle

Africa, control 841, 1538

control 1537, 1628, 1919

diagnosis 1628

drug therapy 1960

haematology 1959

immunization 1409

Kenya 1004

Malawi, control 840

South Africa, epidemiology 818

treatment 1959

Zaire, epidemiology 2336

Zimbabwe 510

chemotaxonomy 4976

dogs

Australia 705

pathology 705

domestic animals

immunization 1802

immunodiagnosis 1802

Hepatozoon canis, dogs, Greece 1306*Hyalomma truncatum*, transmission 818

Ixodidae, Zaire, transmission 2336

livestock, Kenya 1293

man

control, reviews 323

South Africa 466

transmission 321

USA 321

phylogeny 4976

Babesia bigemina

antigens 180, 260

Boophilus microplus

detection 1996

infectivity 2339

buffaloes, Indonesia 997

cattle 2216

Cameroon 5031

control, reviews 1539

diagnosis 4695

drug therapy 2217

immunization 180, 2217

Papua New Guinea, reviews 4320

Senegal 481, 2052

transmission 2339

Zimbabwe, epidemiology 5032

chromosomes 3952

DNA probes 1996

Entopolypoides macaci, antigens, cross reaction 654immune response, *in vitro* 4842

nucleotide sequences 260

merozoites 1474

quinuronium sulfate, *in vitro*, testing 3330

ribosomal RNA 247

Babesia bovisadenosine, analogues, *in vitro* 1975, 4647

antigenic determinants, merozoites 1077

antigens 158, 4462, 4893

merozoites 2675

antiprotozoal agents, *in vitro*, mode of action, mitochondria 3146*Babesia ovis*, antigens, cross reaction 158*Boophilus microplus*, South America, transmission, mathematical models 4111

cattle

Cameroon 5031

control, reviews 1539

diagnosis 4260, 4267

immune response 628, 3517

immunity 4892

immunization 2719, 4028, 4461-4462, 4466, 4892

immunodiagnosis 2206

Papua New Guinea, reviews 4320

South America, epidemiology, mathematical models 4111

chromosomes 3952

culture techniques 2469, 3754

deoxyadenosine, analogues, *in vitro* 1975

energy metabolism 3146

Entopolypoides macaci, antigens, cross reaction 654

enzymes 4545

- Babesia bovis** *cont.*
erythrocytes, host parasite relationships 284, 4576-4577
host parasite relationships, phagosomes 1888
immune response, *in vitro* 2675, 4842
immunocompromised hosts, cattle, immunization 4893
live vaccines 4467
mitochondria 3146, 4510
monoclonal antibodies 4893
nucleotide sequences, merozoites 1474
quinuronium sulfate, *in vitro*, testing 3330
- Babesia caballi**
Equidae, reviews 2074
horses, experimental infection 1187
Hyalomma truncatum
development 3495
transovarial transmission 1187
ultrastructure 3495
- Babesia canis**
dogs 3422
Brazil 50, 1085
France 1308
epidemiology 2445
Germany 51
haematology 220, 3124
immunization 3551
Italy 1017
pathogenesis 1840
pathology 3124
USA 2084
Entopolypoides macaci, antigens, cross reaction 654
Thailand 4755
- Babesia capreoli**
Babesia odocoilei, antigens, cross reaction 2665
Cervus nippon, Irish Republic 2665
morphology 2665
- Babesia divergens**
antigens 157, 1366
cattle
France, general account 2571
immunodiagnosis 157
culture techniques 412
erythrocytes, host parasite relationships 2782
man 74
Meriones unguiculatus
drug therapy, immunization 4025
immunization
imidocarb 4025
oxytetracycline 4025
nonspecific immunostimulation 4025
phospholipids 2782
reindeer, Sweden, reviews 2974
- Babesia equi**
donkeys, immunization 2215, 3553
Ehrlichia equi, horses, interactions 4502
Equidae, reviews 2074
horses
haematology, experimental infections 4502
immune response 627
immunodiagnosis 169
surface antigens 627
- Babesia felis**, cats 3422
- Babesia gibsoni**
dogs 3422
drug therapy 2082
Germany 51
immunodiagnosis 3102
India 2082
Japan 3102
pathology 210
Haemaphysalis longicornis, development 3353, 3356
- Babesia irvinesmithi**, *Hippotragus niger*, South Africa, zoological gardens 2730
- Babesia microti**
man 74
USA 3805
Microtus montanus, USA 3003
Microtus pennsylvanicus, USA 3003
USA 3003
- Babesia odocoilei**
Babesia capreoli, antigens, cross reaction 2665
morphology 2665
- Babesia odocoilei** *cont.*
Odocoileus virginianus, USA 2665
- Babesia ovis**
Babesia bovis, antigens, cross reaction 158
goats, drug therapy 862
sheep
drug therapy 862
immunodiagnosis 158
Turkey 158
- Babesia rodhaini**
macrophages, *in vitro* 130
mice
drug therapy 3279
immune response 3279
- Bacillidiidae**
cytology 2156
taxonomy 2156
- Bacillidium strictum**
cytology 4388
Limnodrilus hoffmeisteri, Sweden 4388
ultrastructure 4388
- Baclofen**, toxicity, quinine 5086
- Bacteria**
Eimeria tenella, fowls, interactions 3036
Entamoeba histolytica, interactions 3083
Leishmania, man, interactions 1729
metronidazole, *in vitro* 3736
Nyctotherus ovalis, *Periplaneta americana*, symbionts 3022
protozoa, man, interactions 2553
- Bacteriophages**, circumsporozoite protein 1769
- Bagrus bayad**, *Cryptosporidium*, Egypt 547
- Bahrain**
Giardia duodenalis, man 35
Toxoplasma gondii, man 3846
- Baiomys**, *Eimeria*, experimental infections 4821
- Balantidium**
man, transmission, nosocomial infections 4352
pigs, susceptibility 520
- Balantidium coli**
dogs 3419
experimental infection 3427
gorillas 2561
Macaca fascicularis, Japan 4309
man 9, 3419
Greece 977
USA 468
pig manure, Chile 3655
pigs 3419
- Balantidium fulinensis**
cytochemistry 737
new species, fishes, China 3490
- Balantidium zebrascopi**, new species, *Zebrasoma scopas*, Australia 3942
- Bangladesh**
Eimeria
cattle 3406
sheep 3406
Entamoeba histolytica, man 964, 4723
Giardia duodenalis, man 964
Leishmania donovani, man 330
Plasmodium vivax, man, epidemiology 4594
- Barbus**, *Myxobolus* sp. 2, Cameroon 1054
- Barbus aspilus**
Myxobolus barbi, new species, Cameroon 1054
Myxobolus sp. 1, Cameroon 1054
- Barbus camptacanthus**
Myxobolus barbi, new species, Cameroon 1054
Myxobolus njinei, new species, Cameroon 1054
Myxobolus sp. 1, Cameroon 1054
- Barbus guirali**
Myxobolus barbi, new species, Cameroon 1054
Myxobolus njinei, new species, Cameroon 1054
Myxobolus sp. 1, Cameroon 1054
- Barbus jae**, *Myxobolus barbi*, new species, Cameroon 1054
- Barbus martorelli**
Myxobolus barbi, new species, Cameroon 1054
Myxobolus njinei, new species, Cameroon 1054
- Barents Sea**
protozoa
marine fishes 1509
Salmo, fish farms 1509
- Basic fibroblast growth factor**
Leishmania donovani 3577
Trypanosoma rhodesiense 3577
- BCG vaccine**, *Trypanosoma evansi*, immunostimulation 3115
- Bed nets**, *Plasmodium* 12, 3746
- Bees** (*see* honeybees; named genera)
- Belgium**
Cryptosporidium, cattle 1300
Encephalitozoon cuniculi, rabbits 2583
Leishmania
human immunodeficiency virus, man 4365
man, transmission 2522
Plasmodium ovale, man 867
Toxoplasma gondii
dogs 1307
man 425
- Benin**
Entamoeba histolytica, man 1681
Myxobolus barbi, *Sarotherodon melanotheron*, new host records 1749
Myxobolus beninensis, new species, *Sarotherodon melanotheron* 1749
Myxobolus dahomeyensis
Sarotherodon melanotheron, new host records 1749
Tilapia, new host records 1749
Tilapia zillii, new host records 1749
Myxobolus dossoui, new species, *Tilapia zillii* 1749
Myxobolus heterospora
Hemichromis fasciatus, new host records 1749
Sarotherodon melanotheron, new host records 1749
Tilapia zillii, new host records 1749
Myxobolus microcapsularis, new species, *Tilapia zillii* 1749
Myxobolus nokoueensis, new species, *Sarotherodon melanotheron* 1749
Myxobolus sarotherodoni, new species, *Sarotherodon melanotheron* 1749
Myxobolus zillii, new species, *Tilapia zillii* 1749
Plasmodium, man 3813
Plasmodium falciparum
drug resistance
chloroquine 1570
proguanil 5081
mefloquine 1570
man 3814
Trypanosoma, cattle 992
Trypanosoma gambiense, man 4717
- Benomyl**, *Plasmodium* 263
- Benzimidazole**
mode of action 4198
Pneumocystis carinii, *in vitro*, mode of action 4198
- Benzimidazoles**
derivatives, *Leishmania donovani*, *in vitro* 4193
mode of action 4198
Pneumocystis carinii, *in vitro*, mode of action 4198
Trichomonas vaginalis 1242
- Benznidazole**
pharmacokinetics 1586
rats, pharmacokinetics 1586
toxicity, man 3301
Trypanosoma brucei
in vitro 1551
mice 1551
Trypanosoma cruzi
man 3301
mice 4635
Trypanosoma lewisi, rats 4137
- Berberine sulfate**
Entamoeba histolytica, *in vitro*, mode of action 1587
Giardia duodenalis, *in vitro*, mode of action 1587
mode of action 1587
Trichomonas vaginalis, *in vitro*, mode of action 1587
- Berenil** (*see* diminazene aceturate)

- Trypanosoma equiperdum*
drug resistance 2396
in vitro 2396
mice 2396
- Trypanosoma evansi*
drug resistance 2396
in vitro 2396
mice 2396
- Bering Sea, *Collinia beringensis*, *Thysanoessa inermis*** 3890
- Beroe abyssicola**
dinoflagellates, USA, new host records 2107
Oodinium, USA, new host records 2107
- Besnoitia**
cats 524
cattle
Canada, transmission 2308
France, general account 2570
Odocoileus hemionus, Canada, transmission 2308
reindeer, Canada 2308
- Besnoitia besnoiti**
antigens 1779
culture techniques 409
- Beta 2-microglobulin, *Plasmodium falciparum*** 149
- Betamethasone**
Eimeria aspheronica 4471
Eimeria ninakohlyakimovae 4471
- Bibliographies**
aquaculture, Latin America 963
camels 2023
diarrhoea 3772
dromedaries 2023
Institut Pasteur de Madagascar 1636
mosquito-borne diseases, South East Asia 1644-1646
- Bicuculline**, toxicity, quinine 5086
- Bilamellata, *Cynomys leucurus***, USA, new host records 2581
- Biochemistry**
Acanthamoeba castellanii 727-728
Leishmania pijanoi 238
Trypanosoma 756
- Biogeography**, protozoa, *Rattus exulans*, New Zealand 1020
- Biographies**
Castellani, A. 3770
Chagas, C. 1262, 1635
John O. Corliss 4703
Neghme, A. 448
- Biological control**
Aedes albopictus 4778
Aedes provocans 1605
Aedes sierrensis 4779-4780
Anopheles gambiae 1245
Anopheles sinensis 5118
Culex tritaeniorhynchus 5118
grasshoppers 3448
locusts 3448
Plasmodium falciparum 2898
protozoa, plant parasitic nematodes 2501
rodents 1023
- Biological control agents**
Acari 1653
Amblyospora 1606
Edhazardia aedis 1606
Lambornella clarki 4778-4780
Nosema 69, 2110
Nosema algerae 911, 2898
Nosema locustae 911
Plagiorchis noblei, metacercariae 1605
Poecilia reticulata 1245
protozoa 1023, 2501, 3448
- Biological tags**, parasites, *Trematodus bernacchii* 790
- Biology**
books, parasites 573
Entamoeba histolytica 573
- Biometry, *Trypanosoma evansi*** 3947
- Biopsy, *Pneumocystis carinii*** 433
- Biosynthesis, *Acanthamoeba castellanii*** 3162
- Biotechnology**
parasites 755
parasitology, USA, training 449
protozoa 273
vectors, control 808
- Bipteria nototheniae**, new species, *Patagonatopen ramsayi*, Atlantic Ocean 3061
- Birds**
Acanthamoeba castellanii
host specificity 4348
susceptibility 4348
Cryptosporidium
pathology 1030
Taiwan 2593
dimetridazole 1961
diseases, Australia 2592
Haematozoa
Canada, checklists 4276
Ethiopia, checklists 4338
South Africa, epidemiology 3436
Haemoproteus, India 2091
parasites
diagnosis 2481
immunity, reviews 2714
Plasmodium
India 2091
life history 2925
transmission 2925
protozoa
Papua New Guinea, sexual selection 2780
reviews 567
Toxoplasma gondii, Australia, zoological gardens 2589
Trypanosoma
ecology 602
evolution 602
2,3-Bis (aziridinyl)-1,4-naphthoquinonyl sulfonate, derivatives, *Plasmodium falciparum* 380
1,2-Bis(methylsulfonyl)-1-methylhydrazine
mode of action 1581
Trypanosoma brucei
in vitro, mode of action 1581
mice 1581
Bison, rumen protozoa 4738
Black Sea
Ceratomyxa peculiaria, new species, *Spiraea flexuosa* 1347
Kudoa stellula, new species, *Atherina hepsetus* 1347
Myxidium cochleatum, new species, *Psetta maenica* 1347
Myxidium parvum, new species, *Blennius tentacularis* 1347
Myxidium pulchrum, new species, *Lepadogaster candollei* 1347
Myxobolus convexus, new species, *Blennius tentacularis* 1347
Blackwater fever, *Plasmodium falciparum* 2503, 2725
Blastocirithidia
DNA 1876
karyotypes 1876
Blastocirithidia culicis, nutrient requirements 245
Blastocirithidia triatoma
Triatoma infestans
haemolymph, amino acids 310
pathogenicity 2734
Blastocystis, ducks, Czechoslovakia, new host records 3013
Blastocystis anatis, new species, ducks, USSR 3491
Blastocystis anseri, new species, geese, USSR 4376
Blastocystis galli, fowls, pathology 3118
Blastocystis hominis
chemotaxonomy 2288, 4452
culture techniques 432
Dientamoeba fragilis, man, mixed infections 2942
Entamoeba histolytica, man, mixed infections 2942
Giardia duodenalis, man, mixed infections 2942
human immunodeficiency virus
man
Australia 4812
Italy 2942
immunocompromised hosts, man, pathogenicity 3049
life history 108
lipids 4058
man 976
Australia 475
Canada 4
diagnosis 432
- Blastocystis hominis cont.**
man cont.
drug therapy 2847
reviews 1944, 3836
Egypt 3844
Germany 432
Italy 2037, 2942
Kenya 14
Kuwait 1277
pathogenicity 4, 3566, 3834, 3844
pathology, reviews 3836
reviews 3031, 3395
treatment 3268
Trinidad and Tobago 478
UK 2505
USA 2538
Yugoslavia 3834
morphology 3836
physiology 3836
ultrastructure 108, 1061
Blastocystis lapemi, new species, *Lapemis hardwickii*, South China Sea 1750
Blatta orientalis, Coelospiridium periplanetae 3500
Blattaria
protozoa, transmission 1178
Sarcocystis falcicola, USA, transmission 4337
Blattella germanica
Endolimax nana, transmission 827
Entamoeba, transmission 827
Blennius tentacularis
Myxidium parvum, new species, Black Sea 1347
Myxobolus convexus, new species, Black Sea 1347
Bleomycin, *Pneumocystis carinii* 5059
Blood banks, *Trypanosoma cruzi*, Bolivia 2041
Blood disorders, *Plasmodium*, man, India 3650
Blood donors, *Trypanosoma cruzi* 1286
Blood groups
Giardia duodenalis, Brazil, São Paulo 2304
Plasmodium 1899
Plasmodium falciparum 968, 2711
Plasmodium vivax 968, 2711
protozoa 1166
Blood transfusion
Babesia 321
parasites, man, reviews 3224
Plasmodium 4122
Plasmodium falciparum 163, 1908, 4123, 4715
man 3249, 4149
Plasmodium malariae 4123
Plasmodium ovale 4123
Plasmodium vivax 1908, 4123, 4715
Pneumocystis carinii 584
Trypanosoma cruzi 1186
control 1583
man, transmission 2544
Bolinopsis
dinoflagellates, USA, new host records 2107
Oodinium, USA, new host records 2107
Bolivia
Leishmania braziliensis, man 4074
Leishmania infantum chagasi, man 4304
parasites, man 975
Trypanosoma cruzi
blood banks 2041
man 4074
Bombus terrestris
Crithidia bombi
natural selection 1354
transmission 1354
Bonamia
Tiostrea chilensis, development 2486
ultrastructure, developmental stages 2486
Bonamia ostreae
enzymes 4943
monoclonal antibodies 2167
Ostrea edulis
immunodiagnosis 2704
Irish Republic 3443
Spain 559
Bone marrow transplant
Pneumocystis carinii 2843
Toxoplasma gondii 3463

Bone marrow transplant cont.*Toxoplasma gondii* cont.

man, reviews 2145

Trypanosoma cruzi 3225**Books***Anopheles*, environmental management,

Indonesia 1268

antiprotozoal agents, WHO 3787

coccidia, rodents 3779

Cryptosporidium 469, 485-486, 529, 540,

562-563, 569, 830, 925, 960

man 17, 19

water 356

water supply 18, 20, 81, 303-304,

401-403, 461

diseases, *Penaeus* 1270

drug formulations 3791

Eimeriidae, India 459

Giardia 4713

giardiasis 97

host parasite relationships 198, 292-297,

462

immunization 463

infections, world guide 3785

infectious diseases

central nervous system 1320-1321,

1652

neonates, pregnancy 4287

pathology 1269

laboratory methods, medical parasitology

3783

Leishmania, reptiles 2025

malaria 2497

diagnosis 2200, 2231, 2461, 2478-

2480, 2482-2484, 2499

treatment 3786

medical entomology, nomenclature 3370

medical microbiology, colour atlas 1651

medical parasitology 3781

atlas 3784

medicinal plants 458

Microspora, Acridioidea, USSR 70

mycoses, human immunodeficiency virus,

man 4288

parasites

biology 570-573, 606-611, 756-760,

782, 961

freshwater fishes, Amazonia 3016

molecular biology, immunology 4857,

4898, 4939-4941, 4970-4974,

5103-5104, 5129, 5161

parasitic diseases 2474, 2498

parasitology

domestic animals 3789

man 3789

Plasmodium

man, Thailand, control 4289

travel 3788

Pneumocystis carinii 3780

poultry diseases 1272

protozoa

Mytilus galloprovincialis 2027

travel 3788

rumen protozoa 2931

techniques, molecular genetics, parasites

3782

tropical diseases 962

tropical medicine 6-11, 72-79, 87, 112,

223, 460, 581, 5160

Trypanosoma, molecular genetics 3372

Trypanosomatidae, catalogues 3371

vaccines 113, 182-184, 217, 278, 400,

421

veterinary entomology 2496

veterinary medicine 1654

dictionaries 1643

veterinary parasitology 2026

waterborne diseases 3652

Boophilus annulatus, cattle, Cameroon 5031*Boophilus decoloratus*, cattle, Cameroon

5031

*Boophilus microplus**Babesia bigemina*

detection 1996

infectivity 2339

Babesia bovis, South America, transmis-

sion, mathematical models 4111

Theileria, Malaysia, transmission 3221*Trypanosoma*, Argentina 3661**Boran***Trypanosoma congolense*

haematology 664

resistance 664

trypanotolerance, breeding, Kenya 879

Borrelia burgdorferi, man, USA, malari-

otherapy 5050

*Bothrometopus randi**Gregarina munieri*

Marion Island

new geographic records 3892

new host records 3892

Botia macracantha, *Ichthyophthirius mul-*

tifiis, drug therapy 4136

Botswana

coccidia, goats 1007

Trichomonas vaginalis, man 1656Bovidae, *Trypanosoma*, resistance 4887*Brachydanio rerio*, *Ichthyophthirius mul-*

tifiis, control 4129

Brachyomus histrio, *Anisoboloides joliveti*,

new genus, new species, Venezuela

3937

Brazil

conferences, protozoology 3366

Leishmania, man 974, 2035*Leishmania amazonensis*, man 1768,

2186

parasites, freshwater fishes 3016

Phytomonas, coconuts 1033*Plasmodium brasilianum*, primates, epi-

demiology 3398

Plasmodium falciparum 1871*Trypanosoma cruzi*, man, history 1635

Acre

Plasmodium, man, epidemiology

4593

Plasmodium falciparum

drug resistance

amodiaquine 3695

chloroquine 3695

pyrimethamine sulfadoxine

3695

Amazonas*Leishmania naiffi**Dasyus novemcinctus* 4333*Psychodopygus squamiventris*

4333

Trypanosoma cruzi

man, epidemiology 1529

Triatominae, transmission 1529

Bahia*Leishmania*, man 194*Leishmania infantum chagasi*, chil-

dren 3511

Leishmania mexicana, man 1285

protozoa

cats, reviews 1318

dogs, reviews 1318

livestock, reviews 1318

Ceara*Leishmania braziliensis**Lutzomyia migonei* 814

man, epidemiology 814

Distrito Federal, *Leishmania amazonen-*

sis, man 1

Espírito Santo

Leishmania braziliensis

dogs, transmission 4612

Lutzomyia, transmission 4612

man, epidemiology 4612

Goias

Triatominae, control 3742

Trypanosoma cruzi

man

control 3742

epidemiology 1286

Mato Grosso

Sarcomastigophora, man 4294

Trypanosoma cruzi, man 3841**Minas Gerais***Babesia canis*, dogs 50*Eimeria*, rabbits 56*Isospora*, dogs 1012*Leishmania chagasi*

dogs 1502

Lutzomyia longipalpis 1502

man, epidemiology 1502

*Trypanosoma cruzi**Didelphis albiventris* 4332

man 2729, 4689

Brazil cont.

Minas Gerais cont.

Trypanosoma cruzi cont.

man cont.

epidemiology 3197

Pará*Caryospora carajasensis*

new species

Oxyrhopus petola 4373*Oxyrhopus petola digitalis*

4373

Caryospora paraensis

new species

Oxyrhopus petola 4373*Oxyrhopus petola digitalis*

4373

Caryospora pseustes, new species,*Pseustes sulphureus* 4373*Heneguya*, *Haplosternum littorale*

948

*Leishmania amazonensis**Lutzomyia flaviscutellata*, trans-

mission 2031

man 2031

*Leishmania braziliensis**Lutzomyia wellcomei* 822

man, epidemiology 822

*Leishmania lainsoni**Agouti paca*, new host records

3009

Lutzomyia ubiquitalis 825

man, epidemiology 825

*Leishmania naiffi**Dasyus novemcinctus* 4333*Lutzomyia* 825*Psychodopygus squamiventris*

4333

Leishmania shawi

man

new host records 3390

new records 3390

Trypanosoma, *Lutzomyia* 825**Paraíba***Leishmania*

dogs, control 4131

man, control 4131

Paraná*Leishmania braziliensis*, man 3543*Sarcocystis*, pigs 2574**Rio de Janeiro***Leishmania*, dogs 4324*Plasmodium juxtanucleare**Culex saltanensis* 824

fowls, epidemiology 824

Rio Grande do Sulcoccidia, *Didelphis marsupialis* 3881*Cryptosporidium parvum*, sheep 3855*Eimeria*, goats 3856*Leishmania naiffi*, man 4333

protozoa

domestic animals, checklists 3945

livestock, checklists 3945

wild animals, checklists 3945

Toxoplasma gondii

fowls 2591

sheep 2568

Rondônia*Caryospora constanciae*, new species,*Micrurus spixii spixii* 4373*Caryospora epicrati*, new species,*Epicrates cenchria* 4373*Caryospora micruri*, new species,*Micrurus spixii spixii* 4373*Leishmania naiffi*, *Dasyus*

novemcinctus 4333

Plasmodium vivax, man, epidemiol-

ogy 1525-1526

Roraima, *Leishmania*, man 4307Santa Catarina, *Trypanosoma rangeli*,*Echimys dasythrix* 4329**São Paulo***Babesia canis*, dogs 1085*Eimeria*

cattle 3859

fowls 60

sheep 2966

Eimeria cylindrica, cattle, new

records 3859

Endolimax nana

man

epidemiology 989

Brazil cont.

- São Paulo cont.
Endolimax nana cont.
 man cont.
 malnutrition 989
Entamoeba histolytica, man, epidemiology 2305
Giardia duodenalis
 man
 epidemiology 989, 2304-2305
 malnutrition 989
Leishmania braziliensis
 dogs, transmission 2314
 horses, transmission 2314
 man, epidemiology 1531, 2314
Panstrongylus megistus 3217
Plasmodium falciparum, man 1380
Plasmodium vivax, man 1380
Toxoplasma gondii
 cattle 3858
 human immunodeficiency virus, man 2128
Triatoma sordida 3217
Trypanosoma britskii, new species, *Loricaria lentiginosa* 586
Trypanosoma cruzi
 man 215, 3375
 epidemiology 3217

Breeding, trypanotolerance, boran, Kenya 879

Bromo-deoxyuridine, *Plasmodium* 2267

Bronchoalveolar lavage

- Leishmania infantum infantum*, human immunodeficiency virus, man 3934
Pneumocystis carinii 428, 433-434, 2911-2912

Brycinus lateralis, *Trichodina kwando*, new species, Namibia 3943

Budd-Chiari syndrome, *Entamoeba histolytica*, man, Nigeria 4720

Budgerigars, toxicity, dimetridazole 1991

Buffaloes (Bubalus bubalis)

- Babesia bigemina*, Indonesia 997
 coccidia, India 4741
Cryptosporidium
 Cuba 4323
 reviews 485
 diseases, control 4290
Eimeria
 India 3861
 Malaysia 41
Eimeria bareillyi, Thailand, reviews 38
 protozoa
 Brazil, reviews 1318
 India 3449
 rumen protozoa, phorate 3853
Sarcocystis
 India, epidemiology 3653
 Italy 4748
 pathology 4748
Sarcocystis cruzi
 cattle, cross infection 2805
 China 3499
Sarcocystis fusiformis
 China 3499
 India 3404
Sarcocystis levinei, China 1052
Theileria orientalis, Indonesia 997
Trypanosoma, resistance 4887
Trypanosoma evansi
 drug therapy 712, 859, 1125, 3272
 immunodiagnosis 651
 Indonesia 997-998
 morphology 3947
 pathology 712, 1117, 1125
 Thailand, reviews 38

Buffaloes (^AAfrican) (see *Synceros caffer*)

Bufo americanus, *Trypanosoma fallisi*, Canada 4557

Bufo garmani, *Zelleriella sandoni*, new species, South Africa 107

Bulgaria, *Leishmania*, man 2035

Bunostomum, *Eimeria*, sheep, USSR, epidemiology 1897

Buparvaquone

- cattle, mode of action 901
 mode of action 901, 4995
Theileria, cattle 901, 3708
Theileria annulata
 cattle 2362, 3707, 4153, 4180
 in vitro, mode of action 4995

Buparvaquone cont.

- Theileria parva*, cattle 5071
Burkina Faso
Anopheles gambiae, control 3325
Plasmodium
 man 1210
 economic analysis 1039
Plasmodium falciparum
Anopheles, transmission 1494
Anopheles gambiae, transmission 3651
 drug resistance, chloroquine 1565
 man 1100, 1212, 3246, 3819
 control 909, 3325
 drug resistance, chloroquine 1971
 epidemiology 1494, 3651
 morbidity 3392
 mortality 3392
Trypanosoma
 cattle 1256, 2226
 wild animals 1699
 zebu 2226
Trypanosoma congolense, cattle 494
Trypanosoma vivax, cattle 494

Burundi

- Cryptosporidium*, man 3756
Plasmodium
 man 4693
 control 2814
 epidemiology 1508
Theileria parva, cattle 678
Butalex (see buparvaquone)
Buteo buteo, *Leucocytozoon*, UK 63
t-butyl-4-hydroxyanisole
 mode of action, mitochondria 3588
Trypanosoma cruzi, in vitro, mode of action, mitochondria 3588
Butynorate (see dibutyltin dilaurate)
Eimeria, turkeys 1198
 pharmacokinetics 1234
 turkeys, pharmacokinetics 1234
Calcium
 homeostasis
Trypanosoma brucei 3185, 3581
Trypanosoma cruzi, amastigotes 4517

Calcium binding proteins

- Entamoeba histolytica* 4083
Plasmodium falciparum 3587

Calliptamus italicus, *Microsporidium italicus*, new species, USSR 70

Callithrix penicillata

- Leishmania braziliensis*
 immunity 4459
 metastasis 1684

Calmodulin

- Plasmodium falciparum* 272, 773
Trypanosoma brucei 3576

Calmodulin genes, *Trypanosoma brucei* 1476

Cambodia

- Cryptosporidium*, children 3803
Entamoeba histolytica, children 3803
Giardia duodenalis, children 3803
Plasmodium falciparum, drug resistance, mefloquine 5075

Camels

- bibliographies 2023
Cryptosporidium, zoological gardens, USA 3432
 cymelarsan, pharmacokinetics 2406-2407
Eimeria, Oman 3026
Sarcocystis, Egypt 4766
Toxoplasma gondii, Sudan 4767
Trypanosoma, Kenya 536
Trypanosoma brucei, Kenya 2282
Trypanosoma evansi
 drug therapy 2303, 2359
 Ethiopia 2584
 immunodiagnosis 4453
 Iraq 4334
 Kenya, epidemiology 2303
 prophylaxis 2303
 Saudi Arabia 3401

Cameroon

- Anopheles*, control, economics 3906
Babesia, cattle 5031
Boophilus, cattle 5031
Entamoeba histolytica
 man 4719
 reviews 3394
Glossina, control 2444

Cameroon cont.

- Loma camerounensis*, new species, *Oreochromis niloticus* 3940
Myxobolus africanus, new species, *Hepsetus odoo* 1054
Myxobolus amieti, new species, *Ctenopoma nanum* 1054
Myxobolus barbi, new species, *Barbus aspius* 1054
Myxobolus melenensis, new species, *Hemichromis fasciatus* 1054
Myxobolus njinei, new species, *Barbus camptacanthus* 1054
Myxobolus polycentropsi, new species, *Polycentropsis abbreviata* 1054
Myxobolus sp. 1
Barbus aspius 1054
Barbus camptacanthus 1054
Barbus guirali 1054
Myxobolus sp. 2, *Barbus* 1054
Myxobolus sp. 3, *Chrysichthys nigrodigitatus* 1054
Myxobolus sp. 4
Raiamas 1054
Synodontis batesii 1054
Myxobolus synodonti, new species, *Synodontis batesii* 1054
Plasmodium
Anopheles, transmission 4602
Anopheles gambiae 4114
 man
 control, economics 3906
 epidemiology 4114, 4602
Plasmodium falciparum
 children 4629
 drug resistance
 amodiaquine 4184
 chloroquine 2395, 3281, 4184
 mefloquine 3282
 quinine 3281
 man 861, 1217, 1659, 4913, 5002
 drug resistance, chloroquine 861
 protozoa, man 3385
Trypanosoma
 human immunodeficiency virus, man 2531
 man 2028
 zebu, control 2444
Trypanosoma congolense
 dogs 1687
 livestock 1687
Trypanosoma gambiense, man 1667, 2285, 3315, 3738
Camoquine (see amodiaquine)

Canada

- Blastocystis hominis* 4
 haematozoa, birds, checklists 4276
Plasmodium falciparum, man 1659, 5069
Pneumocystis carinii, rheumatoid arthritis, man 2617
 protozoa
 domestic animals, checklists 4274
 livestock, checklists 4274
 mammals, checklists 4275
 marine mammals, checklists 4275
Toxoplasma gondii, pigs 2983
Trichodina truttae, Atlantic salmon 2599
 Alberta, *Pneumocystis carinii*, human immunodeficiency virus, man 3461
 British Columbia
Aggregata dobelli, new species, *Octopus dofleini* 4369
Besnoitia
 cattle, transmission 2308
Odocoileus hemionus, transmission 2308
 reindeer 2308
Giardia duodenalis
 man, epidemiology 306
 water, transmission 306
Pneumocystis carinii, human immunodeficiency virus, man 326, 2651
 Newfoundland
Haemoproteus greineri, Anatidae 4339
Haemoproteus nettionis, Anatidae 4339
Leucocytozoon simondi, Anatidae 4339

- Canada cont.**
 Newfoundland cont.
Trypanosoma murmanensis
Johannsonia arctica, epidemiology 4615
 marine fishes, transmission 4615
- Nova Scotia**
Eimeria sardinae, *Clupea harengus* 548
Goussia, *Gadus morhua* 548
Goussia clupearum
Alosa pseudoharengus 548
Clupea harengus 548
Merluccius bilinearis 548
Scomber scombrus 548
Goussia gadi, *Melanogrammus aeglefinus* 548
- Myxozoa**
 Atlantic salmon 4345
 rainbow trout 4345
Salvelinus fontinalis 4345
Perkinsus karlssoni, *Argopecten irradians* 1337
- Ontario**
Cryptosporidium, goats 4753
Plasmodium falciparum, man 2030
Plasmodium vivax, man 4721
Toxoplasma gondii, sheep 4751
Trypanosoma catostomi
Actinobdella inequianulata, transmission 5024
Catostomus commersoni, epidemiology 5024
Trypanosoma fallisi, *Bufo americanus* 4557
Trypanosoma ranarum, *Rana catesbeiana* 4557
Trypanosoma rotatorium, *Rana catesbeiana* 4557
- Prince Edward Island**
Perkinsus karlssoni, new species, *Argopecten irradians* 1337
Sarcocystis fayeri, horses 3063
- Quebec**
Actinocephalus, *Phyllophaga anxia* 4783
 protozoa, man 411
- Canaries**, *Toxoplasma gondii*, New Zealand 3885
- Canary Islands**, *Sarcocystis simonyi*, new species, *Gallotia simonyi* 2653
- Candida albicans**, *Acanthamoeba*, man, UK 3373
- Canis familiaris dingo**, *Toxoplasma gondii*, Australia 2991
- Capensibufo rosei**, *Protozelleriella devilliersi*, new genus, new species, South Africa 107
- Capoeta tetrazona**, *Ichthyophthirius multifiliis*, control 4129
- Capra ibex**, coccidia, Switzerland 2982
- Capreolus capreolus**
 protozoa, Italy 1001
Trypanosoma stefanskii, new species, Poland 2151
- Capreolus pygargus**, *Sarcocystis sibirica*, USSR 3498
- Capricornis crispus swinhoei**, *Eimeria gozaishoensis*, new species, Japan, zoological gardens 3938
- Capromys pilorides**
Chilomastix, Cuba 3879
Giardia, Cuba 3879
- Carasobarbus luteus**, *Glugea anomala*, Iraq, new geographic records 551
- Carassius auratus**, *Ichthyophthirius multifiliis*, control 4129
- Carassius carassius**, protozoa, UK 554
- Carbohydrate metabolism**, *Leishmania major* 230
- Carbohydrates**
 binding site, *Trypanosoma cruzi* 3586
Crithidia 4987
Entamoeba histolytica 2254
Entamoeba invadens 2254
Giardia muris 3589
Leishmania donovani 4928
Pneumocystis carinii 4518
Trypanosoma brucei 1439
Trypanosoma cruzi 1446
- Carcharhinus melanopterus**, *Unicapsula*, USA, zoological gardens, new host records 3018
- Card agglutination tests**
Trypanosoma 992, 2028
Trypanosoma congolense 1687
Trypanosoma evansi 651
Trypanosoma gambiense 2285, 3993, 4717, 4873-4874
- Cardiomyopathy**
Toxoplasma gondii, human immunodeficiency virus, man 3909
Trypanosoma cruzi 442, 2860
 man 4041
- Cardiovascular diseases**, *Trypanosoma cruzi*, man 4487
- Carduelis chloris**
Isospora, pathology 1314
Lankesterella, pathology 1314
- Carduelis sinica**
Isospora bioccai, new species, Italy 3057
Isospora mcquistioni, new species, Italy 3057
- Carp**
Chloromyxum barbi, Germany, epidemiology 3439
Myxobolus dogieli, USSR 3440
Sphaerospora renicola, development 1260
Trypanoplasma borreli, life history 5143
- Caryospora bigenetica**
 mice, experimental infection 1309
 pigs, experimental infections 4315
- Caryospora carajasensis**
 new species
Oxyrhopus petola, Brazil 4373
Oxyrhopus petola digitalis, Brazil 4373
- Caryospora colubris**
Coluber jugularis
 development 4381
 life history 2010
 ultrastructure, developmental stages 4381
- Caryospora constanciae**, new species, *Micrurus spixii spixii*, Brazil 4373
- Caryospora epicratis**, new species, *Epicrates cenchria*, Brazil 4373
- Caryospora jararacae**, morphology 4373
- Caryospora micruri**, new species, *Micrurus spixii spixii*, Brazil 4373
- Caryospora paraensis**
 new species
Oxyrhopus petola, Brazil 4373
Oxyrhopus petola digitalis, Brazil 4373
- Caryospora pseustesii**, new species, *Pseustes sulphureus*, Brazil 4373
- Catabolism**, *Leishmania donovani*, tryptophan, in vitro 3591
- Cathepsins**, *Eimeria tenella*, in vitro 1584
- Catostomus commersoni**
Trypanosoma catostomi
 Canada, epidemiology 5024
 susceptibility 5024
- Cats**
Babesia felis 3422
Cryptosporidium 3421
 reviews 562
 Switzerland 32
 UK 1709
Cytauxzoon felis 3423
 accidental infections 3668
 diagnosis 2005
Eimeria 3421
Encephalitozoon cuniculi 3424
Entamoeba histolytica 3419
 Japan, new host records 2996
Giardia 525-526, 3418
 zoonoses 1532
Giardia duodenalis, New Zealand 49
Isospora 3421
Isospora felis, India 3872
Leishmania 3416
 parasites
 Austria 2994
 control 3236
 diagnosis 3350
 epidemiology 3209
 general account 2995
 zoonoses 3233-3236, 3350, 3367, 3670, 4758
- Cats cont.**
 protozoa 524
 Brazil, reviews 1318
Sarcocystis 3421
 experimental infection 2576
Sarcocystis ovifelis, development 3355
Toxoplasma, India 3426
Toxoplasma gondii 2578, 3421, 4325
 feline immunodeficiency virus 95
 immunology 2168
 general account 2999
 haematology 1437
 immunization 1415
 immunodiagnosis 1397, 3534, 3537, 4866
 immunosuppression 4441
 Italy 2998
 Japan 2083, 3193
 USA 54, 1015, 1302, 1350, 3874, 4104
 zoonoses 1532, 3055
Trypanosoma cruzi 3417
Trypanosoma evansi, pathology 2990
- Cattle** (see also N'dama; Zebu)
 artesunate, pharmacokinetics 3277
- Babesia**
 Africa, control 841, 1538
 Cameroon 5031
 control 1537, 1628, 1919
 diagnosis 1628
 drug therapy 1960
 haematology 1959
 immunization 1409
 Kenya 1004
 Malawi, control 840
 Papua New Guinea, reviews 4320
 South Africa, epidemiology 818
 treatment 1959
 Zaire, epidemiology 2336
 Zimbabwe 510
- Babesia bigemina** 2216
 control, reviews 1539
 diagnosis 4695
 drug therapy 2217
 immunization 180, 2217
 Senegal 2052
 transmission 2339
 Zimbabwe, epidemiology 5032
- Babesia bovis**
 control, reviews 1539
 diagnosis 4260, 4267
 immune response 628, 3517
 immunity 4892
 immunization 2719, 4028, 4461-4462, 4466, 4892
 immunocompromised hosts, immunization 4893
 immunodiagnosis 2206
 South America, epidemiology, mathematical models 4111
- Babesia divergens**
 France, general account 2571
 immunodiagnosis 157
- Besnoitia**
 Canada, transmission 2308
 France, general account 2570
- Boophilus**, Cameroon 5031
 buparvaquone, mode of action 901
- coccidia**
 drug therapy 1962
 Italy 1002
 Japan 2078
- Cryptosporidium**
 Belgium 1300
 Chile 3104
 China 484, 2602
 colostrum 4889
 diagnosis 1259, 2920
 diarrhoea 1698
 general account 2569
 host parasite relationships 775
 immunodiagnosis 3104
 Italy 2075-2076
 Korea Republic 3894
 reviews 485, 2063, 4318
 Switzerland 32
 Turkey 4747
 USSR 1696
- Cryptosporidium muris**
 experimental infections 3432
 USA 46

Cattle cont.

- Cryptosporidium parvum* 2689
 drug therapy 5046
 immune response 3520
 infectivity 4418
 Malaysia 2062
- Cryptosporidium wrairi*, infectivity 4418
 cymelarsan, pharmacokinetics 2406
 decoquinate 5112
 diminazene 2392-2393, 4642, 5084
- Eimeria*
 Bangladesh 3406
 Brazil 3859
 China 484
 Czechoslovakia 3414
 drug therapy 1923, 3276
 India 1689, 4321
 Iraq 515
 Kenya 1005
 Malaysia 2068
 Mexico 3403
 Oman 3026
 prophylaxis, cost benefit analysis 1322
 USSR 1696
 Venezuela 3412
- Eimeria bovis*
 drug therapy 4181
 France 4181
 immunization 1383
- Eimeria cylindrica*, Brazil, new records 3859
 genetic markers, trypanotolerance 2287
- Giardia*
 Czechoslovakia 1297
 USSR 1297
- Giardia duodenalis*
 immunodiagnosis 648
 immunohistochemistry 648
- Hammondia hammondi*
 immune response 2967
 pathology 2967
 homidium 878
 isometamidium 878, 2392-2393, 4642, 5084
 pharmacokinetics 2403, 2452
 lasalocid 3274, 3316
 lymphocyte antigens, trypanotolerance 2287
 monensin 3273, 3316
 pharmacokinetics 329
- Neospora*, pathology 2237
- Neospora caninum*
 immune response 2967
 Netherlands 3413
 New Zealand 3134
 pathology 1704, 2967
 USA 1832, 2073, 3863
- protozoa
 Brazil, reviews 1318
 Chad 2066
 India 3449
 reviews 1831
 Senegal 481
 UK, control 3242
 Zimbabwe, control 4618
- quinapyramine 878
- rumen protozoa 517-519, 1694, 3868, 4738
 salinomycin 2980
- Sarcocystis*
 abortion 211
 Australia 2319
 diagnosis 1630
 Finland 1703
 Mexico 3402
 pathogenesis 1430
 Somalia 1702
 Turkey 2112
 USA 2073
- Sarcocystis cruzi*
 buffaloes, cross infection 2805
 immune response 156
 immunodiagnosis 167
 Mexico 1697
 USA 512
- Theileria*
 Africa
 control 841-842, 1538, 3675
 epidemiology 801, 837
 Asia, control 3675

Cattle cont.

- Theileria cont.*
 control 910, 1132, 1628
 reviews 1536
 diagnosis 941, 1628, 4687
 drug therapy 901, 3245, 3708
 epidemiology 802
 haematology 1959, 3221
 immunization 187, 2214
 India 1295
 Kenya 504, 1004
 Malawi, control 840
 Malaysia, epidemiology 3221
 Papua New Guinea, reviews 4320
 pathogenesis 1132
 Saudi Arabia 3401
 treatment 1959
 Uganda 509
 Zaire, epidemiology 2336
 Zimbabwe, epidemiology 2065
- Theileria annulata*
 Africa, control 1918
 Asia, control 1918
 control, reviews 1413, 1539, 1917
 diagnosis, reviews 1917
 drug therapy 511, 2362, 4150, 4153
 epidemiology 5033
 Europe, control 1918
 immune response 1793, 2191
 immunization 182, 693, 1107, 1384, 1822, 1918, 3550, 3707
 reviews 1917, 4465
 immunology 114, 186
 India 2964, 4742
 Iran 511
 Mauritania 1700
 pathogenesis, reviews 4465
 pathology 2081
 prophylaxis 3707, 4180
 Saudi Arabia 3401
 Sudan 2067
- Theileria bovis*, immunization 690
- Theileria lawrencei*, immunization 683
- Theileria mutans*, Senegal 2052
- Theileria parva* 958
 Africa
 control 1535, 2611
 epidemiology 836
 losses 2611
 control 836
 reviews 1413
 development 836
 drug therapy 5071
 immunization 4019, 4026-4027
 immune response 2668
 reviews 1770
 immunization 679-683, 686-689, 691, 694
 buparvaquone 4027
 oxytetracycline 4019, 4026-4027
 reviews 1770, 4465
 Kenya, control 4019, 5071
 major histocompatibility complex 1800
 Malawi 505
 control 1534
 Mozambique 506
 pathogenesis, reviews 4465
 Rwanda, resistance 3105
 Sudan 507, 2067
Synceros caffer, cross immunity 4026
 Tanzania 508
 control 869, 1533
 Zimbabwe 510
 epidemiology 2065
- Theileria sergenti*
 haematology 3135, 4312
 Japan 1873
 pathology 3126
- Theileria taurotragi*, Zimbabwe, epidemiology 5032
- Theileria velifera*, Senegal 2052
- toxicity
 furazolidone 395
 ionophores 2896
 maduramicin 392, 3320, 3740
 salinomycin 392
- Toxoplasma gondii*
 Brazil 3858
 China 513
 Costa Rica 44

Cattle cont.

- Toxoplasma gondii cont.*
 Greece 4746
 immune response 2967
 immunization 1110
 pathology 2967
 Romania 999
 USA 2073
 new geographic records 4316
- Tritrichomonas foetus* 4750
 abortion 213
 control 168
 diagnosis 943
 immunodiagnosis 168
 Malaysia, new geographic records 40
- Trypanosoma*
 Africa 499, 834
 control 838
 epidemiology 2203
 Benin 992
 control
 mathematical models 2345
 reviews 1916
 Côte d'Ivoire 495, 797
 diagnosis 1256
 drug therapy 857, 5072
 Gabon 498
 Gambia, epidemiology 2307
 Ghana, epidemiology 828
 immunodiagnosis 992, 2203
 Kenya, control 5072
 Nigeria 514, 2053
 epidemiology 514, 795
 pathology 2226
 prophylaxis 857
 resistance, genetic polymorphism 2209
 susceptibility, genetic polymorphism 2209
 Togo 496
 control 399
 Uganda 2054
 Zimbabwe, control 4618
- Trypanosoma brucei*
 Africa 491
 Congo 487
 immunodiagnosis 4406
 Kenya
 control 3324
 epidemiology 4552
 major histocompatibility complex 1800
 pathology 2233
- Trypanosoma congolense*
 Africa 491
 Burkina Faso 494
 diagnosis 2450
 drug therapy 933, 1799
 immune response 1799, 3067
 immunodiagnosis 4406
 immunological deficiency 697, 4472
 Kenya 2055
 pathogenicity 1839
 pathology 707, 4042
 susceptibility 1839, 2056, 2565
 Togo, control 906
 Zanzibar, epidemiology 796
- Trypanosoma evansi*
 development 1631
 drug therapy 2972
 immunodiagnosis 3535
 India, epidemiology 2972
 Java 1006
 morphology 3947
 prophylaxis 2972
- Trypanosoma rhodesiense*, immunodiagnosis 2196
- Trypanosoma theileri*, Sweden 1000
- Trypanosoma vivax*
 Africa 491
 Burkina Faso 494
 haematology 2251, 4319
 Kenya 2055
 Nigeria 4319
 epidemiology 3194
 pathogenicity 1839
 pathology 2233, 2733, 4319
 prophylaxis 878
 susceptibility 1839
 trypanotolerance, Africa 492

- Cebus albifrons**, *Toxoplasma gondii*, Colombia, zoological gardens 2963
- Cebus apella**
Leishmania amazonensis, pathology 1292
Leishmania braziliensis, pathology 1292
Toxoplasma gondii, Colombia, zoological gardens 2963
- Cebus capucinus**, *Toxoplasma gondii*, Colombia, zoological gardens 2963
- Cell cultures**, *Toxoplasma gondii*, infectivity, *in vitro* 4568
- Cell invasion**
Plasmodium falciparum 3088
calcium 2779
erythrocytes, magnesium 4989
merozoites 3638
Toxoplasma gondii 1891, 3637, 4096
Trypanosoma cruzi 4581
- Cell lines**
Leishmania infantum infantum, infectivity 1169
Leishmania major, infectivity 1169
Toxoplasma gondii 4246
- Cell mediated immunity**
Babesia bovis 628
Cryptosporidium, cattle 775
Leishmania donovani 4840
- Cell membranes**, *Leishmania donovani* 4052
- Cellular biology**
Phytomonas, reviews 4349
Toxoplasma gondii 571
Trypanosoma cruzi 572
- Central African Republic**
Plasmodium, human immunodeficiency virus, man 1680
Plasmodium falciparum
drug resistance, mefloquine 1217
man 1217, 3389
Toxoplasma gondii, man, epidemiology 1506
Trypanosoma, human immunodeficiency virus, man 2531
Trypanosoma gambiense
Glossina, transmission 5018
man, epidemiology 5018
- Central America**
Plasmodium, man, control 322
Trypanosoma cruzi, man, transmission 2544
vector-borne diseases, man 3895
- Central Europe**, tropical medicine 2016
- Centrocercus urophasianus**, *Plasmodium pedicellii*, host parasite relationships 3636
- Cepedea amygdala**, nomenclature 106
- Cepedea foliaceae**, nomenclature 106
- Cephalobus indicus**, new species, *Penaeus indicus*, India 3482
- Ceratomyxa**, *Trematomus bernacchii*, Antarctica, new host records 790
- Ceratomyxa drepanopsettae**
Reinhardtius hippoglossoides
Atlantic Ocean 4342
Pacific Ocean 4342
- Ceratomyxa hungarica**, new species, *Proterorhinus marmoratus*, Hungary 4823
- Ceratomyxa peculiaris**, new species, *Spicara flexuosa*, Black Sea 1347
- Ceratomyxa shasta**
rainbow trout
resistance 4881
susceptibility 2097
- Cercopithecidae**, *Plasmodium cynomolgi*, immune response 1369
- Cercopithecus aethiops**
Encephalitozoon cuniculi, experimental infection 480
toxicity, chloroquine 1594
Trypanosoma rhodesiense, drug therapy 854
- Cerebral malaria**
mice, immunization 4891
techniques, studying 4918
- Cerebrospinal fluid**, *Trypanosoma brucei* 4739
- Cervus elaphus**
Cryptosporidium, UK 2079
Trypanosoma (Megatrypanum), Germany, epidemiology 1185
- Cervus nippon**, *Babesia capreoli*, Irish Republic 2665
- Cetrimide**, *Leishmania major*, man 4148
- Chad**, protozoa, cattle 2066
- Chagas' disease** (see *Trypanosoma cruzi*)
- Channa punctatus**
Trypanosoma punctati
India, new geographic records 67
life history 67
- Checklists**
arthropods, nomenclature 3370
Eimeria, Serpentes 589
Haematozoa
birds
Canada 4276
Ethiopia 4338
parasites, *Rattus exulans* 1019
protozoa
domestic animals
Brazil 3945
Canada 4274
livestock
Brazil 3945
Canada 4274
mammals, Canada 4277
marine mammals, Canada 4275
wild animals, Brazil 3945
- Chelating agents**
mode of action 2892
Plasmodium falciparum, *in vitro*, mode of action 2892
- Chelydra serpentina**
Eimeria chelydrae, USA 588
Eimeria filamentifera, USA 588
Eimeria serpentina, new species, USA 588
Isoospora chelydrae, new species, USA 588
Trypanosoma chrysemydis 5022
- Chemiluminescence**
Plasmodium falciparum 119
Plasmodium vivax 119
- Chemistry**, tinidazole 4225
- Chemokinesis**, *Naegleria fowleri* 3767
- Chemoprophylaxis** (see prophylaxis)
- Chemotaxis**, *Naegleria fowleri* 3767
- Chemotaxonomy**
Acanthamoeba 1156, 4540
Anopheles 3216
Apicomplexa 2291
Babesia 4976
Blastocystis hominis 2288, 4452
Cryptosporidium parvum 2689
Eimeria arizonensis 762
Eimeria tenella 279
Entamoeba 278
Entamoeba gingivalis 3631
Entamoeba histolytica 276, 764, 1161, 1472, 1883, 3179, 3565, 4553-4554
Giardia 4981
Giardia duodenalis 277, 3630, 4975
Australia 2289
Switzerland 2289
Hartmannella vermiformis 949
Leishmania 194, 1162, 1481
Leishmania chagasi 4555
Leishmania donovani 771, 4555
Leishmania gerbilli 4560
Leishmania infantum infantum 1157, 1159-1160, 1480, 4555
Leishmania major 1881, 4560-4561
Leishmania shawi 3390
Leishmania tropica 1879
Leishmania turanica 4560
Leishmania (Viannia) 1882
Naegleria fowleri 1155, 4956
Plasmodium 2483
Plasmodium falciparum 274, 769, 1880, 2775
Plasmodium vivax 4079
Pneumocystis carinii 275, 770
protozoa 4067
Sarcocystis 3170, 4979
Sauroleishmania adleri 2776
Sauroleishmania gulikae 2776
Sauroleishmania gymnodactyli 2776
Sauroleishmania tarentolae 2776
Theileria 2673
Theileria parva 941
Toxoplasma gondii 251
Trichomonas vaginalis 4982
- Chemotaxonomy cont.**
Trypanosoma 766-768, 2283, 4557
Trypanosoma brucei 765, 2286, 4552
Trypanosoma carassii 1878
Trypanosoma cruzi 1158, 3178, 3339, 4332, 4556, 4562, 4697
Argentina 2290
Trypanosoma evansi 2281-2282, 2762, 4551, 4559
Trypanosoma gambiense 2284-2285, 4551
Trypanosoma pestanaei 1482
Trypanosoma rangeli 1158, 4556
Trypanosoma simiae 2283
Trypanosoma (Trypanozoon) 4092
Trypanosomatidae 4558
Trypanozoon 4551
- Chemotherapy** (see drug therapy)
- Cherax quadricarinatus**, Pleistophoridae, Australia 1317
- Cherax quinquecarinatus**, Pleistophoridae, Australia 1317
- Cherax tenuimanus**, Pleistophoridae, Australia 1317
- Chickens** (see fowls)
- Children**
Acanthamoeba, human immunodeficiency virus, USA 4798
Blastocystis hominis 3566
Trinidad and Tobago 478
Chilomastix mesnili, Ghana 5011
Cryptosporidium
Argentina 3807
China
Anhui 2520
Guangdong 2508
diarrhoea 4725
Germany 4726
human immunodeficiency virus
Tunisia 1332
USA, New York 2129
India 4916
Israel 2944
Kuwait 89
Mexico 3388
Sri Lanka 3804
Switzerland 32, 302
Thailand 3803
tropics, epidemiology, reviews 464
UK 2785-2787
USA, day care centres 2547
Cryptosporidium parvum, Israel 2933
Dientamoeba fragilis, Germany 3801
Endolimax nana, Brazil 989
Entamoeba coli
diarrhoea 3132
Germany 3801
Entamoeba histolytica 4724
Austria 25
Bangladesh 4723
Cameroon 3394
Egypt 1076
Gabon 3382
Ghana 5011
human immunodeficiency virus,
USA, New York 2129
India 4731
Saudi Arabia 1281
Sudan, epidemiology 2332
Thailand 3803
Trinidad and Tobago 4716
Tunisia 3812
Giardia duodenalis 4724
Bahrain 35
Brazil 989
São Paulo 2304
Gabon 3382
Gambia 2197
Germany 3801
Ghana 5011-5012
human immunodeficiency virus,
USA, New York 2129
immune response 115
India 4731
Delhi 1664
Israel 5066
Kenya 2909
Saudi Arabia 1281
Sudan, epidemiology 2332
Thailand 1115, 3803
USA 431, 4179

Children cont.*Giardia duodenalis* cont.

USA cont.

day care centres 2547

Giardia intestinalis, Tunisia 3812*Isospora belli*, Australia 2530*Leishmania*

Italy 2550, 4292

Netherlands 986

Saudi Arabia 1283

Sudan 2932

symptomatology 3815

Tunisia 4905

Turkey 2506

USSR 2555

Leishmania chagasi, Brazil 1502*Leishmania donovani*

Pakistan 28

Saudi Arabia 34, 2951

Sudan 2952

Yemen 33

Leishmania infantum chagasi

Bolivia 4304

Brazil, Bahia 3511

Leishmania infantum infantum, Tunisia 2556*Leishmania major*

Saudi Arabia 4154

Sudan 4148

Leishmania mexicana, Ecuador 301*Leishmania tropica*, India, Rajasthan 3230*Naegleria fowleri*, Thailand 31

parasites, Philippines 4298

Plasmodium

bed nets 3746

diagnosis 427, 940

France 2534

Gambia, mortality 12

Indonesia 1492

Malaysia, epidemiology 798

Niger 940

Nigeria 2551, 4733

prophylaxis 2371

Togo 2835

Zambia 1674

Plasmodium falciparum 1431, 1550, 2728

Burkina Faso 3392, 4845

Cameroon 861, 4629

Congo 3821

Cote d'Ivoire, morbidity 3839

drug resistance 2398

drug therapy 372, 1948

reviews 3705

Equatorial Guinea 4592

Gabon 640, 3267

Gambia 4038

mortality 2559

Ghana 2364

halofantrine 3267

human immunodeficiency virus, Zaire 788

immune response 1071

India, Delhi 1908

Kenya 5039

Liberia 3958

Madagascar 1288

Malawi 3723

Mali 1291

man 1540

Nigeria 2953, 3283, 4138, 4479

Papua New Guinea 3286

Sudan 2677

synthetic vaccines 4032

Tanzania 333, 1324, 1365, 3686, 5074

Thailand 4196

treatment, reviews 3705

Zambia 1907, 3121

Plasmodium malariae, Cote d'Ivoire, morbidity 3839*Plasmodium ovale*

Equatorial Guinea 4592

Malaysia 2518

Plasmodium vivax

Canada 4721

India, Delhi 1908

Saudi Arabia 4715

Pneumocystis carinii

Europe 584

Children cont.*Pneumocystis carinii* cont.

human immunodeficiency virus 4792, 5068

diagnosis 2640

prophylaxis 2365, 2640, 5067

reviews 5152

treatment 2640

Tunisia 1332

USA 4795

prophylaxis, pentamidine, aerosols 2849

transmission 584

protozoa

Saudi Arabia 969

South Africa 4478

Tunisia 3812

Toxoplasma gondii

cardiomyopathy 3909

France 1666, 1805, 2536, 3992

human immunodeficiency virus 1745

man 3909

USA 3464

Trichomonas hominis, China, Hebei,

diarrhoea 1282

Trichomonas intestinalis, Tunisia 3812*Trichomonas vaginalis*, India 3199**Chile***Balantidium coli*, pig manure 3655

coccidia, pig manure 3655

Cryptosporidium

cattle 3104

sheep 996

Enterocytozoon bieneusi, human immu-

nodeficiency virus, man 2141

Pneumocystis carinii

human immunodeficiency virus, man 4251, 4368

immunocompromised hosts, man 4251

Trypanosoma cruzi, man 3096, 3966*Chilo*, *Nosema*, biological control 69**Chilomastix***Capromys pilorides*, Cuba 3879

poultry 1713

Chilomastix mesnili

HTLV-I, interactions 2127

■■■■■

Ghana 5011

Jamaica 2127

Kenya 14

Chimpanzees, parasites, laboratory animals 2050**China***Balantidium fulinensis*, new species, fishes 3490*Entamoeba histolytica*

man 4724

epidemiology 1501

pigs, epidemiology 1501

Giardia duodenalis, man 4724*Leishmania*, man, reviews 1035*Leishmania donovani*

■■■■■

control 3903

epidemiology 3903

Plasmodium

man 983

epidemiology 1176, 2699

protozoa, man, control 4130

Sarcocystis cruzi, buffaloes 3499*Sarcocystis fusiformis*, buffaloes 3499*Sarcocystis levinei*, buffaloes 1052*Toxoplasma gondii*, man 2507*Trypanosoma equiperdum* 2762*Trypanosoma evansi* 2762

Anhui

Cryptosporidium

cattle 2602

fowls 2602

man 2520

pigs 2602

Fujian

Plasmodium

man 984

control 3243

Gansu, *Leishmania donovani*, man, control, epidemiology 5029

Guangdong

Cryptocaryon irritans, marine fishes 2595**China cont.**

Guangdong cont.

Cryptosporidium, man 2508*Eimeria*, *Paguma larvata* 2575

parasites

domestic animals 2563

Macaca mulatta 2560

man 2513-2516

*Plasmodium**Anopheles*, transmission 2806*Arborophila gingica* 2587

man 2510

control 2811-2812

epidemiology 2806

Plasmodium dissanaikei, *Pycnonotus jocosus* 2586*Plasmodium falciparum*

drug resistance, chloroquine 2512

man 2511

Plasmodium vivax, man, mixed

infections 2512

Plasmodium lophurae 2662*Plasmodium vivax*, drug resistance, chloroquine 2512*Toxoplasma gondii*

Mus 2579

Rattus 2579

Guangxi

Anopheles, control 2447*Anopheles sinensis*, control 5118*Culex tritaeniorhynchus*, control 5118*Plasmodium*, man, control 5118*Plasmodium vivax*, man, control 2447

Hainan

*Plasmodium**Anopheles*, transmission 3210

man, epidemiology 3210

Plasmodium falciparum, man 3346

Hebei

Plasmodium, man, control 1190*Trichomonas hominis*, man, diarrhoea 1282

Hubei

Myxidium hemiculteri, new species,*Hemiculter leuciscus* 104*Myxidium sarcocheilichthysi*, newspecies, *Sarcocheilichthys**nigripinnis* 104*Myxobolus saurogobioi*, new species,*Saurogobio dumerili* 104

protozoa, primates, zoological garden 991

Sphaerospora lienii, new species,*Hypophthalmichthys molitrix*

104

Jiangsu

Plasmodium vivax, man, control 1191*Toxoplasma*, man 985*Toxoplasma gondii*

ducks, epidemiology 2309

fowls, epidemiology 2309

man, epidemiology 2309

pigs, epidemiology 2309

Nei Menggu, *Leishmania donovani*, man,

control, epidemiology 5029

Shaanxi, *Leishmania donovani*, man,

control, epidemiology 5029

Shandong

Plasmodium, man 2954*Plasmodium vivax**Anopheles sinensis* 3646

man, epidemiology 3646

Toxoplasma, man 981

Shanxi

Cryptosporidium, cattle 484*Eimeria*, cattle 484*Leishmania donovani*, man, control,

epidemiology 5029

Sichuan, *Leishmania donovani*, man,

control, epidemiology 5029

Tianjin, *Toxoplasma gondii*, man 4718Xinjiang, *Leishmania donovani*, man,

control, epidemiology 5029

Yunnan

Anopheles kunmingensis 3218*Eimeria*

goats 42

sheep 42

Plasmodium vivax, man, epidemiology 3218

- China** *cont.*
 Yunnan *cont.*
Toxoplasma gondii
 livestock 513
 man 513
 Zhejiang, parasites, man 470, 982
- Chinchilla**
Giardia duodenalis
 immunodiagnosis 648
 immunohistochemistry 648
- Chionoectes bairdi**, dinoflagellates, USA 1722
- Chiromantis xerampelina**, *Opalina duquesnei*, new species, Swaziland 106
- Chitinase**, *Leishmania major* 1440
- Chlamydia**, *Acanthamoeba*, man, interactions 3378
- Chloramphenicol**, reviews 1989
- Chlorocycloguanil**, *Plasmodium yoelii*, *in vitro* 2410
- Chlorhexidine**, *Leishmania major*, man 4148
- Chlorine**
Cryptosporidium, *in vitro* 356
Giardia duodenalis 889
in vitro 889
- Chloromyxum barbi**, carp, Germany, epidemiology 3439
- Chloromyxum proterorhini**, new species, *Proterorhinus marmoratus*, Hungary 4823
- Chloroquine**
 adsorption, charcoal 3735
 clozapine, interactions 3308
 compliance 1598
 drug formulations, microcapsules 5105
 drug resistance 1573, 2819, 2864
 macrophages 890
 man 1573, 1671
 immune response 1981
 pharmacokinetics 1595
 mice, pharmacokinetics, liposomes 2421
 mode of action 379
Onchocerca volvulus, man 1940
 phototoxicity 2429
Plasmodium
 drug resistance 882
 man 1210, 1592, 1594, 1601, 1981, 2383, 3313, 3721
Plasmodium berghei, mice 2247, 3254
Plasmodium chabaudi
 drug resistance 2862
 reversal 357
Plasmodium cynomolgi, *Macaca mulatta* 1685
Plasmodium falciparum 1568
 Africa, drug resistance 1967, 4182-4183, 4185
 amlodipine, *in vitro*, potentiation 897
 Benin, drug resistance 1570
 Brazil, drug resistance 3695
 Cameroon, drug resistance 2395, 3281, 4184
 China, drug resistance 2512
 Congo, drug resistance 2865, 3713
 drug resistance 272, 350-351, 874-875, 1219-1220, 1465, 1965, 2775, 2832, 2880, 4186, 4533
in vitro 359
in vitro 1965, 3681, 3720, 4651
 mode of action 379
 India, drug resistance 1671, 1968, 2398, 3251, 3681, 3712, 4641, 4644-4645, 5076
 Indonesia, drug resistance 1221
 Kenya, drug resistance 354, 3284, 4163, 5039
 Liberia, drug resistance 5080
 Madagascar, drug resistance 1571-1572
 Malawi, drug resistance 5079
 Mali, drug resistance 1573
 man 343, 866, 1212, 1572, 1942, 1951, 1969, 2364, 2819, 3261, 3266, 3285, 3681, 3686, 3688, 3691, 3700, 3706, 3832, 4138, 4629, 4631, 5002, 5039, 5053, 5055, 5082
 Burkina Faso, drug resistance 1971
 Cameroon, drug resistance 861
- Chloroquine** *cont.*
Plasmodium falciparum *cont.*
 man *cont.*
 Madagascar, drug resistance 2866
 pregnancy 3246
 Senegal, drug resistance 2867
 Mozambique, drug resistance 5079
 Niger, drug resistance 359
 Nigeria, drug resistance 1568, 3283, 4188
 Papua New Guinea, drug resistance 2864
 Senegal, drug resistance 4646
 Sierra Leone, drug resistance 1662
 Somalia, drug resistance 1218, 1222, 1964
 South Africa, drug resistance 5079
 Sudan, drug resistance 360, 1595, 1757, 3285, 4643
 Tanzania, drug resistance 3686, 5074
 West Africa, drug resistance 967, 1565
 Zambia, drug resistance 1216
Plasmodium knowlesi, *Macaca mulatta* 3119, 3256
Plasmodium ovale, Africa, drug resistance 4185
Plasmodium vinckei petteri, mice 1556
Plasmodium vivax
 Africa, drug resistance 4185
Anopheles darlingi 1526
Aotus 4624
 China, drug resistance 2512
 Indonesia, drug resistance 352, 4624
 Papua New Guinea, drug resistance 355
 Saimiri 4624
Plasmodium yoelii, drug resistance 897
 primaquine, *Plasmodium vivax*, man 5064
 proguanil
Plasmodium falciparum
 Benin, drug resistance 5081
 man 2836
 quinine, drug antagonism 3261
 rheumatoid arthritis 4221
 techniques
 determination
 blood 4204
 plasma 4204
 urine 4204
Tetrahymena pyriformis, autophagy 4650
 toxicity
Cercopithecus aethiops 1594
 fowls 5100
 guinea pigs 5099
 man 1592, 1594, 1596, 1598, 1601, 1983, 2400, 3310, 3313, 3727, 3730, 4212, 4216, 4222, 4660, 5101
 psoriasis 3721
 treatment, chlorpheniramine 368
 platelets 1597
 rats 3719, 4658, 5095
Trypanosoma brucei, *in vitro* 4460
 tumour necrosis factor 890
- Chloroquine-resistance**, *Plasmodium falciparum*, Kenya, drug resistance 2868
- Chlorpheniramine**, toxicity, chloroquine 368
- Chlorproguanil**
 man, pharmacokinetics 1593
 pharmacokinetics 1593
Plasmodium falciparum 1550
 man 5082
Plasmodium yoelii, *in vitro* 2410
- Chlorpromazine**
 drug resistance
 chloroquine 2862
 pyrimethamine 2862
Plasmodium falciparum, *in vitro* 3720
- Chlortetracycline**, *Ichthyophthirius multifiliis* 349
- Cholera toxin**, *Toxoplasma gondii* 645
- Choristoneura fumiferana**
Nosema fumiferanae, pathology 200
Pleistophora schubergi, development 1344
- Choristoneura rosaceana**, *Nosema fumiferanae*, pathogenicity 218
- Choroidopathy**, *Pneumocystis carinii* 2230
- Chromatin**, *Trypanosoma brucei* 4957
- Chromosome polymorphism**, *Plasmodium falciparum*, mitomycin 3607
- Chromosomes**
Babesia bigemina 3952
Babesia bovis 3952
Giardia duodenalis 4959
Plasmodium 743
 reviews 1756
Plasmodium falciparum 1757
Trypanosoma brucei, *Trypanosoma rhodesiense*, hybrids 3502
- Chronotherapy**, *Plasmodium* 1936
- Chrysichthys nigrodigitatus**, *Myxobolus* sp. 3, Cameroon 1054
- Ciliates**, ecology, evolution, reviews 4836
- Ciliophora**
Cyprinus carpio, Poland, fish farms 3019
 keys 594
Liathodes aequispina, USA 561
 molecular genetics 2271
 morphology 594
Octopus bimaculoides, USA 3891
Paralithodes platypus, USA 561
- Cinnamic acid derivatives**, *Plasmodium falciparum*, *in vitro* 4060
- Circulating antigens**
Hammondia hammondi 4437
Plasmodium falciparum 140
Toxoplasma gondii 2683, 2686, 4437
- Circumsporozoite protein** 835
Plasmodium 183, 3110, 4923
Plasmodium berghei 178, 3076
Plasmodium cynomolgi 1764, 4897
Plasmodium falciparum 179, 618, 675, 1100, 1386, 1769, 1785, 1817, 1863, 2173, 2300, 2775, 3113, 3506, 3514, 4029, 4845
Plasmodium knowlesi, gene expression 4536
Plasmodium malariae 1392
Plasmodium vivax 268, 677, 1785, 3514, 3959, 4079, 4447, 4734
 oocysts 2748
 polymorphism 4091
Plasmodium yoelii 675
- Cis-Pt(II) pentamidine**
 pharmacokinetics 1552
 sheep, pharmacokinetics 1552
Trypanosoma brucei, sheep 1552
- CL 64 855** (see megazol)
- Clarias lazera**, *Cryptosporidium*, Egypt 547
- Clarithromycin**, *Toxoplasma gondii*, human immunodeficiency virus, man 1949
- Clethrionomys glareolus**
Eimeria
 Lithuania 3880
 USSR 3008
Isospora, USSR 3008
Isospora clethrionomydis, Lithuania 3880
- Clinacox** (see diclazuril)
- Clindamycin** 3695
Plasmodium falciparum, man 4648
Pneumocystis carinii
 human immunodeficiency virus, man 3270
 immunocompromised hosts, man 4648
 primaquine, *Pneumocystis carinii*, immunocompromised hosts, man 4144
Toxoplasma gondii
 human immunodeficiency virus, man 2829
 immunocompromised hosts, man 4648
in vitro 4209
 mice 338
- Clinical examination**
Plasmodium 940
Plasmodium falciparum 3348
 man 1627
- Clonal variation**
Trypanosoma congolense
 drug resistance
 diminazene 2392
 isometamidium 2392
- Clones**
Leishmania donovani 771
 protozoa 4824
Trypanosoma congolense 2392

Cloning

- Giardia duodenalis* 922, 3519
- Leishmania donovani*, nucleic acids, genes 4535
- Toxoplasma gondii* 4068

Clopidol

- coccidia, sheep 4151
- drug residues, eggs 3323
- Eimeria* 1560
- Eimeria acervulina*, fowls 3710
- Eimeria tenella*, embryos 377
- toxicity, embryos 377

Clopidol nequinat, fowls 3275**Clostridium perfringens**

- Entamoeba histolytica*, mice, interactions 1325
- Trypanosoma evansi* dromedaries interactions 4789
- United Arab Emirates 4789

Clozapine, chloroquine, interactions 3308**Clupea harengus**

- Eimeria sardinae*, Canada 548
- Goussia clupearum*, Canada 548

Cnemidophorus sexlineatus, *Eimeria sexlineatus*, new species, USA 3056**Cnesia dissimilis**, *Helmichia similiae*, new species, Argentina 100**Co-trimoxazole** (see trimethoprim sulfamethoxazole)**Coccidia**

- buffaloes, India 4741
- Capra ibex*, Switzerland 2982
- cattle
 - drug therapy 1962
 - Italy 1002
 - Japan 2078
- Didelphis marsupialis*, Brazil 3881
- dogs, diagnosis 931
- ducks, India 2092
- fishes, reviews 3455
- gamebirds, drug therapy 1925
- goats
 - Botswana 1007
 - Mozambique 3869
 - oocysts, sampling 995
 - Taiwan 3865
- guinea-fowls, Cuba 3437
- Kobus leche*, UK, zoological gardens 3399
- man, reviews 2122
- mice, control 3326
- pheasants
 - Yugoslavia
 - control 324
 - epidemiology 324
- pig manure, Chile 3655
- pigeons, Czechoslovakia 4336
- poultry, drug therapy 1920
- rabbits, India, zoological gardens 3428
- rats, control 3326
- sheep
 - Cuba 3857
 - drug therapy 4151
 - Mozambique 3869
 - reviews 1725

Coccidiosis, conferences 455**Coccidiostats** (see also named drugs)

- cattle 1962
- drug residues 3741
- eggs 2435
- meat 2435
- Eimeria*, drug resistance 883
- fowls, Germany, feeds 2435
- mode of action 5115
- testing, embryos 377

Cochlosoma anatis, geese, Czechoslovakia, new host records 2090**Cochlospermum angolense**, extracts, *Plasmodium berghei*, in vitro 3696**Coconuts**

- Phytomonas*
 - Brazil 1033
 - French Guiana 1033

Codons

- Entamoeba histolytica* 3625
- Leishmania* 4066
- Trypanosoma brucei*, molecular genetics 252

Coelebs fringilla

- Haemoproteus dolniki*, new species, Lithuania 3939
- Haemoproteus magnus*, new species, Lithuania 3939

Coelosporeidium periplanetae

- Blatta orientalis* 3500
- life history 3489
- morphology 3489
- Periplaneta brunnea* 3500
- ultrastructure 3489, 3500

Collinia beringensis, *Thysanoessa inermis*, Bering Sea 3890**Colombia**

- Ascogregarina saraviae*, *Lutzomyia* 2801
- Leishmania braziliensis*, man, epidemiology 2315
- Leishmania panamensis* man 2698
- epidemiology 2315
- Leptomonas*, *Lutzomyia* 2801
- Lutzomyia* 2315
- Plasmodium*
 - Anopheles neivai*, transmission 309
 - man
 - control 4617
 - epidemiology 309
- Plasmodium falciparum*, man, epidemiology 1497
- Toxoplasma gondii*
 - Cebus albifrons*, zoological gardens 2963
 - Cebus apella*, zoological gardens 2963
 - Cebus capucinus*, zoological gardens 2963

Colon, *Entamoeba histolytica*, host parasite relationships 780**Colostrum**

- Cryptosporidium*, cattle 4889
- Eimeria bovis* 1383

Coluber jugularis

- Caryospora colubris* development 4381
- life history 2010

Columbiformes, *Haemoproteus*, USSR 2655**Columbriformes**, USSR, *Haemoproteus* 2655**Communicable diseases**, man, epidemiology, disasters 5150**Community health workers**, *Plasmodium*, control 4235-4236**Comoros**

- Plasmodium falciparum*
 - man
 - control 1245
 - epidemiology 4591

Complement

- Babesia rodhaini* 130
- Entamoeba histolytica* 2723
- in vitro 1783
- Leishmania* 2783
- dogs 4863
- Leishmania donovani* 2221
- Pneumocystis carinii* 3979
- Toxoplasma gondii* 3997
- Trypanosoma cruzi* 1158, 1781
- Trypanosoma gambiense* 1066
- Trypanosoma rangeli* 1158

Complement fixation tests

- Toxoplasma gondii* 4448
- rabbits 3090
- Trypanosoma equiperdum* 159

Computed tomography, *Toxoplasma gondii* 939**Computer models**, *Trypanosoma*, livestock, Somalia 929**Conepatus chinga**

- Trypanosoma cruzi*
 - Argentina 4595
 - new host records 522

Conferences

- 19th Annual Conference of the Protozoological Section of the Czechoslovak Zoological Society 2022
- Acanthamoeba*, eyes 4763-4765, 4944, 5110-5111, 5151
- All-Union Conference on the Prophylaxis of Parasitic Diseases 2957-2961, 3200

Conferences cont.

- Austrian Society for Tropical Medicine and Parasitology XXII Meeting 464-465, 576-577, 647, 702, 775, 787-788, 843, 885
- Chagas' disease 3365
- coccidiosis 455
- Complementary roles of field and laboratory studies, UK 4708
- Ethnopharmacology 1974, 2024
- Genetic Variation of Malaria Parasites 5159
- Giardia* 4713
- Infection in AIDS 2928
- International Colloquium on Invertebrate Pathology and Microbial Control 2106, 2156
- International Conference on Malaria Control, Burkina Faso 952
- International Ichthyoparasitological Symposium 4709
- International Scientific Council for Trypanosomiasis Research Control 471, 487-499, 536, 632, 651, 662-665, 706-708, 765-768, 792-797, 831-834, 851-858, 877-879, 892, 927-929, 933, 957
- International Scientific Council for Trypanosomiasis Research and Control 4717, 4739
- International Symposium on Malaria 3777
- Japanese Society of Parasitology 2927, 4711
- Japanese Society of Tropical Medicine 956, 1266
- Joint Meeting of the Belgian Societies for Parasitology and Protozoology 4286
- Korean Society for Parasitology 3775, 4285
- Leishmania*, Venezuela 953
- malaria 954
 - Vietnam 454
 - waiting for the vaccine 1640
- Molecular Approaches to the Study of Endosymbiosis in Protozoa 4710
- parasites
 - cats 3367
 - dogs 3367
- Parasitological Society of Southern Africa 2020
- parasitology, South Africa 959
- Pathological Society of Great Britain and Ireland 5158
- Pathology in marine sciences 456, 548-550, 558-561, 564-566, 590, 948
- Premières Journées Vétérinaires 2066-2067, 2081, 2111, 2123, 2203, 2214-2215, 2233, 2335-2336, 2341, 2348, 2495
- protozoa
 - molecular genetics 250
 - protein transport 4439, 4460, 4525-4529, 4566-4567, 4587, 4712
- protozoology, Brazil 3366
- Royal Society of Tropical Medicine and Hygiene, Laboratory Meeting 1641, 2019, 2494
- sleep in human African trypanosomiasis 3776
- Tenth International Meeting on *Trypanosoma evansi* 2930
- The 14th Asian Parasite Control/Family Planning Conference 955
- The XIII Symposium of the Scandinavian Society for Parasitology 452
- The XIV Symposium of the Scandinavian Society for Parasitology 453
- Theileria parva*, cattle 504-510, 678-691, 801-802, 836-837, 840-842, 869-870, 901, 910, 941
- travel medicine 2929
- Troisième Congrès International de Médecine Tropicale de Langue Française 2021
- tropical diseases, man, USA 5157
- Tropical hydrology and Caribbean water resources 4118
- trypanosomiasis, Kenya 2028-2029, 2053-2059, 2080, 2113, 2169-2171,

Conferences cont.

- trypanosomiasis, *Kenya cont.*
 - 2195-2196, 2209, 2224-2226, 2239, 2251, 2266, 2280-2287, 2302-2303, 2344-2346, 2349-2361, 2391-2394, 2402-2407, 2450-2451, 2453-2455, 2493
- veterinary parasitology 3450, 3529, 3669, 3708, 3778
- waterborne diseases 3203-3208, 3229, 3337, 3368
- women, water supply and sanitation, Somalia 1642
- XIIèmes Entretiens de l'Hôpital Houphouët-Boigny, Environment and Tropical Health 5009, 5035
- XVIII Annual Meeting on Basic Research in Chagas' Disease 5156

Congenital infection

- Plasmodium falciparum* 1907
 - man 3228
- Plasmodium vivax*
 - man 2533
 - prophylaxis 4729
- Toxoplasma gondii* 1400, 1665, 4208, 4295
 - human immunodeficiency virus, man 3909
 - man 2809, 2956
 - seasonal variation 4109
- Trypanosoma gambiense* 3738

Congo

- Entamoeba histolytica*, man 3840
- Glossina palpalis*, control 2443, 2446
- Plasmodium*, man 3824
- Plasmodium falciparum*
 - drug resistance
 - amodiaquine 2865
 - chloroquine 2865, 3713
 - halofantrine 3713
 - mefloquine 3713
 - quinine 3713
 - man 3821, 4156
- Toxoplasma gondii*, man, epidemiology 1507
- Trypanosoma*
 - Glossina palpalis* 809
 - transmission 4125
 - human immunodeficiency virus, man 2531
 - man, epidemiology 4125
- Trypanosoma brucei*, cattle 487
- Trypanosoma congolense*
 - Glossina palpalis* 2326
 - livestock, control 2446
 - n'dama, epidemiology 2326
 - pigs 490
- Trypanosoma gambiense*
 - livestock 1093
 - man 4874
 - control 2443
- Trypanosoma vivax*
 - goats, epidemiology 809
 - sheep, epidemiology 809

Contamination, *Plasmodium falciparum*, culture techniques 4669**Control**

- Anopheles* 909
 - Cameroon, economics 3906
 - China 2447
 - India 400
 - Indonesia 1268
 - Mexico 3666
 - reviews 2897, 3743
- Anopheles gambiae* 912-915
 - Burkina Faso 3325
- Anopheles sinensis*, China 5118
- Babesia*
 - cattle 1537, 1628, 1919
 - Africa 841, 1538
 - Malawi 840
 - man, reviews 323
- Babesia bigemina*, cattle, reviews 1539
- Babesia bovis*, cattle, reviews 1539
- coccidia
 - mice 3326
 - pheasants, Yugoslavia 324
 - rats 3326
- Cryptosporidium*
 - man 402
 - UK 401, 403

Control cont.

- Cryptosporidium cont.*
 - ruminants, reviews 1771
 - water 1248
- Culex tritaeniorhynchus*, China 5118
- diseases
 - buffaloes 4290
 - livestock 1189
- Eimeria*, fowls 839, 917, 4620, 5037
- Eimeria magna*, microwave radiation 405
- Giardia*, sewage, Puerto Rico 4118
- Giardia duodenalis* 4859
 - man, USA 4179, 4668
- Giardia muris* 5119
 - water 4760, 5120
- Glossina* 2055
 - Cameroon 2444
 - Equatorial Guinea 5036
 - Kenya 2442
 - Togo 399, 906
 - Zimbabwe 1604
- Glossina fuscipes*, Uganda 1609
- Glossina pallidipes*, Kenya 3324
- Glossina palpalis*, Congo 2443, 2446
- Ichthyophthirius multifiliis* 2389
- Brachydanio rerio* 4129
- Capoeta tetrazona* 4129
- Carassius auratus* 4129
- Leishmania*
 - dogs, Brazil 4131
 - man
 - Algeria 4234
 - Brazil 4131
 - India 3798
 - reviews 323
- Leishmania donovani*
 - man 3903
 - China, epidemiology 5029
- Leishmania mexicana*, man, Mexico 4133
- Naegleria fowleri*, man 3198
- parasites
 - cats 3236
 - dogs 3236
 - fish farms, Norway 2448
- Phlebotomus papatasi*, Algeria 4234
- Plasmodium* 446, 1607
 - history 3240
 - man 1608, 2121, 2897, 3746, 3902, 4134
 - Africa 876, 952
 - Burundi 2814
 - Cameroon, economics 3906
 - Central America 322
 - China 983, 1190, 2811-2812, 3243, 5118
 - Colombia 4617
 - Gambia 4685
 - Guatemala 3672, 4235-4236
 - history 3237
 - India 400, 1246, 3676
 - Indonesia 1268, 3673
 - Italy 3238
 - Malaysia 3744
 - Mexico 3666
 - Papua New Guinea 2815
 - South America 322
 - Southwest Pacific, history 4278
 - Sri Lanka 1247, 3745
 - Thailand 916, 2926, 4289
 - economic analysis 4785
 - USSR 5026
 - water management 1992
 - planning 3239
 - reviews 3743
- Plasmodium falciparum*
 - man 1640, 3674
 - Burkina Faso 909, 3325
 - Comoros 1245
 - India 2317, 2449, 4107
 - Reunion 4132
 - Tanzania 912-915
- Plasmodium vivax*
 - man
 - China 1191, 2447
 - India 2449
- protozoa
 - cattle
 - UK 3242
 - Zimbabwe 4618
 - fishes, reviews 3454
 - general account 2348

Control cont.

- protozoa cont.
 - man 1993, 2347
 - China 4130
 - pigs, UK 3242
 - sheep, UK 3242
- Rhipicephalus appendiculatus*, zebu 870
- Theileria*
 - cattle 910, 1132, 1628
 - Africa 841-842, 1538, 3675
 - Asia 3675
 - Malawi 840
 - reviews 1536
- Theileria annulata*
 - cattle
 - Africa 1918
 - Asia 1918
 - Europe 1918
 - reviews 1413, 1539, 1917
- Theileria parva*
 - cattle 836
 - Africa 1535, 2611
 - Kenya 4019, 5071
 - Malawi 1534
 - reviews 1413
 - Tanzania 869, 1533
 - zebu, Tanzania 870
- Thelohanellus kitauei*, in vitro 3677
- Toxoplasma gondii*
 - man
 - Italy 2899
 - reviews 323
- Triatoma infestans*
 - Argentina 3213, 3664
 - South America 3671
- Triatominae*, Brazil 3742
- Trichomonas*, man, reviews 323
- Tritrichomonas foetus*, cattle 168
- tropical diseases 1034
- Trypanosoma* 1607
 - Africa, reviews 3244
 - cattle
 - Africa 838
 - Kenya 5072
 - mathematical models 2345
 - reviews 1916
 - Togo 399
 - Zimbabwe 4618
 - man
 - Africa 838
 - water management 1992
 - Zaire 2344
 - zebu
 - Cameroon 2444
 - Kenya 2442
- Trypanosoma brucei*, cattle, Kenya 3324
- Trypanosoma congolense*
 - cattle, Togo 906
 - livestock, Congo 2446
- Trypanosoma cruzi*
 - blood transfusion 1583
- man
 - Argentina 3213, 3664
 - Brazil 3742
 - South America 3671
 - reviews 4619
- Trypanosoma gambiense*
 - man
 - Africa 4128
 - Congo 2443
 - Equatorial Guinea 2346, 5036
- Trypanosoma rhodesiense*
 - man, Africa 4128
 - Uganda 1609
- vectors 1607
 - biotechnology 808
 - environmental impact 908
 - general account 907
- Control programmes, *Plasmodium falciparum* 3674**
- Copepoda, *Vampyrophrya pelagica*, development 4699**
- Copper sulfate, *Piscinoodinium*, *Puntius gonionotus* 328**
- Coracias garrulus*, *Haemoproteus hachmasensis*, new species, USSR 4372**
- Coraciiformes**
 - Haemoproteus*, USSR 2655
 - USSR, *Haemoproteus* 2655
- Cordocentesis, *Toxoplasma gondii* 4261**

- Cornea**, *Acanthamoeba castellanii*, *in vitro* 4348
- Corticoids**, *Pneumocystis carinii*, human immunodeficiency virus, man 326, 5061
- Corynebacterium**, *Trypanosoma evansi*, immunostimulation 3115
- Coryphaena hippurus**, *Kudoa thyrsites*, pathology 1316
- Cosmetophilus**, *Vonones sayi*, USA, new geographic records 2152
- Cosmetophilus vonones**, new species, *Vonones sayi*, USA, new geographic records 2152
- Cost benefit analysis**
Eimeria, cattle, prophylaxis 1322
Plasmodium falciparum, man, drug therapy 2819
Theileria parva 682
- Costa Rica**, *Toxoplasma gondii*, cattle 44
- Costs**
Plasmodium, Thailand, monitoring 2926
Theileria parva, immunization 691
- Côte d'Ivoire**
Plasmodium, man 1928
Plasmodium falciparum
 drug resistance, chloroquine 1565
 man 3830, 3839
Plasmodium malariae, man 3839
Pneumocystis carinii, human immunodeficiency virus, man 3047
- Trypanosoma**
 cattle 495, 797
 dogs 767
Glossina 767
 man 767
 pigs 767
 sheep 495
Trypanosoma gambiense, man 706, 853, 4873
- Cotrimoxazole** (*see* drug combinations, trimethoprim, sulfamethoxazole; trimethoprim sulfamethoxazole)
- Cotton rats (laboratory)** (*see* *Sigmodon hispidus*)
- Counterimmunoelectrophoresis**, *Leishmania donovani* 4870
- Crabs**, parasites, Australia 2106
- Crassostrea virginica**
Haplosporidium nelsoni
 pathology 175, 560
 resistance 175
 susceptibility 175
 USA 175
- Crithidia**, chemotaxonomy 4558
- Crithidia bombi**
Bombus terrestris
 natural selection 1354
 transmission 1354
- Crithidia fasciculata**
 carbohydrates 4987
 α -difluoromethylornithine, *in vitro* 3157
 electrical properties 4987
 enzymes 1847, 1864-1866, 2757, 3141, 3152, 3157, 3628
 molecular biology 2277
 naphthoquinones, *in vitro* 387
 nucleosides 4548
 RNA editing 750
 sterols 4922
- Crithidia luciliae**
 carbohydrates 4987
 culture techniques 761
 electrical properties 4987
 molecular genetics 761
- Crithidia oncopelti**
 ascorbic acid, *in vitro* 4210
 fluorouracil, *in vitro* 4210
 valine, *in vitro* 4210
- Crithidia roitmani**, nomenclature 2149
- Crocodiles**, *Plasmodium*, Mexico 2094
- Cross immunity**
Leishmania infantum chagasi, *Trypanosoma cruzi*, man 1375
Theileria parva, *Synceros caffer*, cattle 4026
Trypanosoma cruzi, *Trypanosoma rangeli*, mice 125
- Cross infection**, *Sarcocystis cruzi*, buffaloes, cattle 2805
- Cross resistance**, chloroquine, amodiaquine 2832
- Crustacea**, Microspora, Lithuania 2657
- Cruzain**, *Trypanosoma cruzi* 3175
- Cruzipain**, *Trypanosoma cruzi* 1445, 1457, 4581
- Cryopreservation** (*see* Techniques, cryopreservation)
- Cryptobia bullocki**
 antigens 2263
 polypeptides 2263
- Cryptobia catostomi**
 antigens 2263
 polypeptides 2263
- Cryptobia eilatica**, new species, *Sparus aurata*, Red Sea 585
- Cryptobia salmositica**
 amphotericin B, *in vitro* 1590
 antigens 2263
 penicillin, *in vitro* 1590
 polypeptides 2263
 rainbow trout
 drug therapy 1590
 pathology 4488
 streptomycin, *in vitro* 1590
- Cryptocaryon irritans**
 development, temperature 2924
Lutjanus johni, Malaysia 2096
 marine fishes
 China 2595
 Taiwan, fish farms 3021
- Cryptocercidae**, protozoa 4781
- Cryptococcus laurentii**, *Leishmania infantum*
infantum, dogs, Italy 3456
- Cryptosporidium**
 animals
 epidemiology, reviews 303
 reviews 569
Bagrus bayad, Egypt 547
 birds
 pathology 1030
 reviews 540
 Taiwan 2593
 buffaloes, Cuba 4323
 camels, zoological gardens, USA 3432
 cats 524, 3421
 reviews 562
 Switzerland 32
 UK 1709
 cattle
 Belgium 1300
 Chile 3104
 China 484, 2602
 colostrum 4889
 diagnosis 1259, 2920
 diarrhoea 1698
 general account 2569
 host parasite relationships 775
 immunodiagnosis 3104
 Italy 2075-2076
 reviews 2063, 4318
 Switzerland 32
 Turkey 4747
 USSR 1696
Cervus elaphus, UK 2079
 chlorine, *in vitro* 356
Clarias lazera, Egypt 547
 culture techniques, reviews 925
 detection 429, 930
 development, *in vitro* 3763
 dogs 524, 3421
 Austria 1010
 reviews 562
 drinking water
 Puerto Rico 4118
 UK 2787
 experimental infections 2904
 ferrets, reviews 562
 fishes, reviews 563
 fowls
 China 2602
 diagnosis 3349
 immune response 1797
 Japan 3884
 Morocco 1312
 USA, general account 3252
 geese, Czechoslovakia 58
 goats 1692
 Canada 4753
 Romania 1294
 horses, reviews 486, 3407
- Cryptosporidium cont.**
 human immunodeficiency virus
 cytomegalovirus, man, France 2630
 interactions, mathematical models 2781
 man 1329
 developing countries, reviews 4360
 diagnosis 1731
 drug therapy 91, 2629, 2820, 3693, 3699
 France 2631, 4804
 Germany 90, 4366
 Italy 2138
 pathology 702, 3918
 prognosis 4796
 prophylaxis, reviews 1921
 reviews 2131, 3452, 3795
 Tunisia 1332
 UK 91
 USA 1048, 1739, 1742, 2129, 2643, 3918
 immunocompromised hosts
 animals, immunotherapy 5038
 man
 immunological deficiency 87
 immunotherapy 5038
 treatment 2833, 3849
 UK 3919
 Psittaciformes, USA 3015
 rats 3052
 haematology 1065
 immunodiagnosis 1098
Isospora belli, human immunodeficiency virus, man, France 2629
 livestock, Korea Republic 3894
Macaca nemestrina 4735
 immunity 661
 man 18
 Argentina 3807
 asymptomatic carriers 2938
 China 2508, 2520
 control 402
 diagnosis 429, 653, 2916, 3756
 scanning electron microscopy 4681
 diarrhoea 972, 4299
 reviews 80
 drug therapy 2372
 reviews 1944
 epidemiology 3204
 reviews 304
 France 4725
 general account 2961
 Germany 4726
 immunodiagnosis 653, 2916
 immunology, reviews 4492
 India 4916
 Iran 2502
 Israel 2944
 Kuwait 89
 Mexico 3388
 Nepal 1273
 pathogenesis, reviews 4492
 reviews 10, 19, 81, 83, 469, 569, 3395, 3899
 Sri Lanka 3804
 Switzerland 32
 epidemiology 302
 Thailand 3803
 transmission 830, 1909, 2334
 nosocomial infections 4352
 reviews 1910
 treatment 2372
 tropics, epidemiology, reviews 464
 UK 17, 20, 356
 control 401, 403
 epidemiology 988, 2338, 2785-2787, 3203, 3652
 USA 2547
 epidemiology 1634
 manures 1902
 mice
 immunity 658
 infectivity 4384
 morphology, oocysts 2664, 4384
 opossums, reviews 562
 peafowls 2585
Perdix perdix
 Italy 1027
 new host records 1027

Cryptosporidium cont.

- Phasianus colchicus*, Italy 1027
 - pigs
 - China 2602
 - diagnosis 942
 - reviews 486
 - poultry 1712
 - primates 4735
 - reviews 562
 - Procyon lotor*, reviews 562
 - rabbits
 - Cuba 4331
 - reviews 562
 - rats
 - diarrhoea 3010
 - experimental infections 3004
 - Rattus*, Japan 3004
 - Rattus norvegicus*, Egypt 4762
 - Rattus rattus*, Egypt 4762
 - reptiles, reviews 563
 - reviews 2124
 - river water, USA 1634
 - rodents 529
 - Korea Republic 3894
 - ruminants
 - control, reviews 1771
 - diagnosis, reviews 1771
 - immune response, reviews 1771
 - reviews 485
 - sewage, Puerto Rico 4118
 - Sheehan's syndrome, man, UK 3383
 - sheep 1692
 - Chile 996
 - general account 2986
 - Iran 2502
 - zoonoses, general account 3232
 - simian immunodeficiency virus, *Macaca mulatta*, pathology 1426
 - Staphylococcus aureus*, man, interactions 3849
 - swimming pools, UK 2786
 - techniques
 - counting, ova, faeces 3332
 - isolation 3337
 - reviews 925
 - staining 3349, 3756, 4681
 - Tilapia nilotica*, Egypt 547
 - ultrastructure, reviews 599
 - water
 - control 1248
 - detection 1610
 - disinfection 356
 - epidemiology 3368
 - Puerto Rico 4118
 - transmission, reviews 830
 - UK 2785, 3203, 3652
 - zoo animals, Taiwan 2593
- Cryptosporidium baileyi**
- antigens 3081
 - ducks, experimental infections 539
 - fowls, experimental infections 59
 - techniques, detection, faeces 4637
- Cryptosporidium muris**
- antigens 3081
 - cattle
 - experimental infections 3432
 - USA 46
 - mice
 - experimental infections 3432
 - Korea Republic 3876
- Cryptosporidium parvum**
- actin 1868
 - antigens 146, 3081-3082
 - oocysts 2689
 - sporozoites 3626
 - cattle 2689
 - drug therapy 5046
 - immune response 3520
 - infectivity 4418
 - Malaysia 2062
 - culture techniques, macrophages 3333
 - deer 2689
 - genes, sporozoites 3626
 - hamsters, prophylaxis 5047
 - human immunodeficiency virus
 - man
 - Portugal 2689
 - Turkey 2689
 - UK 2689
 - USA, reviews 3914

Cryptosporidium parvum cont.

- immunocompromised hosts
 - mice 580
 - experimental infection 579
 - immune response 4419
 - rats, drug therapy 846, 3678
 - immunotaxonomy 3082
 - man, Israel 2933
 - mice
 - drug therapy 865
 - experimental infection 3005
 - immunological deficiency 580
 - infectivity 4384, 4418
 - pathology 1420
 - monoclonal antibodies 4418
 - morphology, oocysts 4384
 - Myocastor coypus*, Poland, new host records 2088
 - pigs 521
 - pathogenesis 4048
 - research 3359
 - sheep 2689
 - Brazil 3855
 - techniques
 - infection, mice 3005
 - staining, sporozoites 3752
 - water, health, reviews 82
- Cryptosporidium wrairi**
- cattle, infectivity 4418
 - mice, infectivity 4418
 - monoclonal antibodies 4418
- Cryptosporidium parva**, *Eimeria whittakeri*, new species, USA 1049
- Ctenopharyngodon idella**, parasites, Cuba 3889
- Ctenopoma multispinne**, *Trichodina microspina*, new species, Namibia 3943
- Ctenopoma nanum**, *Myxobolus amieti*, new species, Cameroon 1054
- Cuba**
- Chilomastix*, *Capromys pilorides* 3879
 - coccidia
 - guineafowls 3437
 - sheep 3857
 - Cryptosporidium*
 - buffaloes 4323
 - rabbits 4331
 - Giardia*, *Capromys pilorides* 3879
 - parasites, freshwater fishes 3889
- Culex annulirostris**, *Amblyospora dyxoides*, development 3760
- Culex dolosus**, *Amblyospora*, Argentina 68
- Culex halifaxii**, *Amblyospora trinus*, new species, Australia 592
- Culex pilosus**, *Culicosporella lunata*, development 3060
- Culex pipiens**
- Amblyospora*, Egypt 2802
 - Amblyospora egypti*, new species, Egypt 3059
 - Hazardia milleri*, Argentina 3442
- Culex saltanensis**, *Plasmodium juxtannucleare*, Brazil 824
- Culex tritaeniorhynchus**, China, control 5118
- Culicidae**
- Amblyospora*, *Edhazardia aedis*, biological control 1606
 - biological control 1606
 - control 907
 - Plasmodium*, development 946
 - salivary glands, transmission 1522
- Culicoides nubeculosus**, *Trypanosoma*, transmission 312
- Culicosporella damnosus**, *Simulium damnosum*, Nigeria 2105
- Culicosporella lunata**
- Culex pilosus*, development 3060
 - ultrastructure 3060
- Culicosporellidae**, new family 3060
- Culture collection catalogues**, Czechoslovakia, type collection 3790
- Culture media**
- Eimeria tenella*, chelating agents 919
 - Leishmania donovani* 418
 - Trichomonas vaginalis* 2906
 - Trypanosoma* 414
- Culture techniques**
- Babesia bovis* 2469, 3754
 - Babesia divergens* 412
 - Besnoitia besnoiti* 409

Culture techniques cont.

- Blastocystis anseri* 4376
 - Blastocystis hominis* 432
 - Blastocystis lapemi* 1750
 - Crithidia luciliae* 761
 - Cryptosporidium*, reviews 925
 - Cryptosporidium parvum*, macrophages 3333
 - Eimeria nieschulzi* 4674
 - Eimeria tenella* 3329
 - Entamoeba* 1613
 - Entamoeba histolytica* 2456, 2460, 2901
 - free living amoebae 2905
 - Giardia duodenalis* 922, 1617, 4672
 - encystment, *in vitro* 3328
 - Leishmania* 1481
 - Leishmania donovani* 417-418, 3331
 - Leptomonas mycophilus* 1333
 - Plasmodium berghei*
 - hepatoma cell lines 4670
 - in vitro*, ookinetes 2457
 - Plasmodium falciparum* 408, 1250, 1999
 - contamination 4669
 - rumen protozoa 2459
 - Sarcocystis hirsuta* 923
 - Sarcocystis neurona* 1615
 - Theileria annulata* 932, 1995
 - Toxoplasma gondii* 2943, 4246
 - Trichomonas vaginalis* 439, 2906-2907
 - Trichomonas foetus* 4268
 - Trypanosoma* 414
 - Trypanosoma brucei* 242, 928, 2752, 4241
 - Trypanosoma cruzi* 4245, 4679, 5126
 - Trypanosoma evansi* 1616
 - Trypanosoma vivax* 892, 1612
- Curculionidae**, *Microsporidium sitophilii*, *Sitophilus oryzae*, moulting, pathology 3558
- Cutaneous infections**, *Pneumocystis carinii*, human immunodeficiency virus, man 2625
- Cyanoramphus**, *Leucocytozoon*, UK 63
- Cycloguanil**
- Plasmodium falciparum*, drug resistance 875
 - Plasmodium yoelii*, *in vitro* 2410
- Cycloheximide**
- mode of action 2894
 - Plasmodium yoelii*, *in vitro*, mode of action 2894
- Cyclophosphamide**
- Leishmania donovani* 2721
 - Plasmodium yoelii*, mice 3701
- Cyclops**, *Thelohania kaunensis*, new species, Lithuania 2657
- Cyclosporin A**
- Eimeria*, turkeys 2225
 - Leishmania donovani* 696
 - Plasmodium berghei*, mice 3269
 - Plasmodium falciparum*, *in vitro* 3269
- Cyclosporine**, quinine, *Plasmodium falciparum*, man 2853
- Cyclosporins**, *Leishmania tropica*, *in vitro* 1227
- Cymelarsan**
- camels, pharmacokinetics 2406-2407
 - cattle, pharmacokinetics 2406
 - horses, pharmacokinetics 2406
 - pharmacokinetics 2406-2407
 - Trypanosoma*
 - livestock 2357
 - mice 2360
 - Trypanosoma equiperdum*
 - drug resistance 2396
 - in vitro* 2396, 2407
 - mice 2396
 - Trypanosoma evansi*
 - buffaloes 859
 - camels 2359
 - drug resistance 2396
 - in vitro* 2396
 - mice 2396
- Cynomys leucurus**, *Eimeria*, USA, new host records 2581
- Cypermethrin**, *Rhipicephalus appendiculatus* 870
- Cyprinion macrostomum**, *Trichodina domerguei*, Iraq, new records 551
- Cyprinus carpio**
- Ciliophora, Poland, fish farms 3019

- Cyprinus carpio** cont.
Goussia subepithelialis
 Czechoslovakia 1751
 Germany 1751
Ichthyophthirius multifiliis, immune response 2179
 protozoa, Germany 2101
Sphaerospora renicola, Europe, epidemiology 2103
- Cyproheptadine**, drug resistance, chloroquine 1219-1220
- Cyrtopodion scabrum**, parasites, USA 3886
- Cysteine**, *Trypanosoma brucei*, in vitro 2752
- Cysteine proteinase**, *Trypanosoma cruzi* 2763
- Cytauxzoon**, *Giraffa camelopardalis angolensis*, Namibia 2975
- Cytauxzoon felis**
 cats 3423
 accidental infections 3668
 diagnosis 2005
Felis coryi, USA 3668
- Cytidine**, *Entamoeba histolytica* 1241
- Cytoadherence**
Entamoeba histolytica 1852
Plasmodium falciparum 287, 1886, 2736, 3641
 erythrocytes 3563-3564
 reviews 4101
Plasmodium fragile, erythrocytes, in vitro 2735
Trichomonas vaginalis 778
- Cytochemistry**
Balantidium fulinensis 737
Eimeria stiedai 3597
Giardia duodenalis, trophozoites 1056
Leishmania 3592
Plasmodium 597
Tritrichomonas foetus 243
Trypanosoma cruzi 3137
- Cytochromes**, *Theileria annulata* 256
- Cytokines** (see also interferon; interleukins; tumour necrosis factor; Interferon; Interleukins; Tumour necrosis factor)
Acanthamoeba castellanii 4411
Acanthamoeba polyphaga 4411
Eimeria tenella 3982
Entamoeba histolytica, in vitro 4429
Giardia duodenalis, in vitro 3983
Herpetomonas 4411
Leishmania 3518
Leishmania aethiopica 2713
Leishmania amazonensis 4203
 in vitro 4203
 macrophages 4203
Leishmania major 1388, 3077, 3972, 4015
Naegleria 4411
 parasites 3970
Plasmodium 155, 3960, 4009
Plasmodium berghei, mice 3679
Plasmodium cynomolgi 3680
Plasmodium falciparum 1071, 1795, 2694, 3680, 4427
 in vitro 3973
Plasmodium yoelii 3957
 protozoa 4012
Toxoplasma gondii 4004, 4016
Trypanosoma cruzi 117, 2678, 4203, 4411, 4857
 in vitro 4203, 4475
 macrophages 4203
Trypanosoma equiperdum 4900
- Cytology**
Bacillidium strictum 4388
Pneumocystis carinii 5135
Toxoglugea chironomi 3064
Trichomonas vaginalis 1095
- Cytolysis**, *Acanthamoeba culbertsoni* 420
- Cytomegalovirus**
Cryptosporidium, human immunodeficiency virus, man, France 2630
Pneumocystis carinii
 human immunodeficiency virus, man, interactions 86
 man, interactions 3048
- Cytopathology**, *Trichomonas vaginalis*, in vitro 1131
- Cytotoxic T lymphocytes**, *Plasmodium falciparum* 3506, 4858
- Cytotoxicity**
Entamoeba histolytica 4401
Plasmodium falciparum 1071
Toxoplasma gondii 288
Trypanosoma cruzi 2297
- Czechoslovakia**
Amblyospora punctor, new species, *Aedes punctor* 102
Blastocystis, ducks, new host records 3013
 coccidia, pigeons 4336
Cochlosoma anatis, geese, new host records 2090
Cryptosporidium, geese 58
 culture collection catalogues, type collection 3790
Eimeria
 cattle 3414
Rupicapra rupicapra 4313
 sheep 2060
Eimeria ferrisi, *Mus musculus*, new geographic records 4761
Eimeria lydiae, new species, *Salmo trutta fario* 3058
Encephalitozoon cuniculi, *Alopex lagopus* 1706
Giardia, cattle 1297
Goussia janae, new species, *Leuciscus leuciscus* 591
Goussia subepithelialis, *Cyprinus carpio* 1751
 protozoa
 game animals 1724
 game birds 1029
 livestock 1724
 man 2039
Rutilus rutilus 2098
Sarcocystis
 dogs 3656
 man 4296
 sheep 3870
 epidemiology 3656
Sarcocystis arietianis, sheep 2970
Sarcocystis tenella, sheep 2970
Toxoplasma gondii, man 4448
Trichodina prowazeki, *Rutilus rutilus*, new geographic records 2098
Trichomonas, pigeons 4336
Trichomonas vaginalis, man 4496
- Dactinomycin**, *Trypanosoma cruzi*, in vitro 2882
- Dams**
Plasmodium, transmission 4603
 vector-borne diseases
 environmental legislation 4606
 reviews 398
 transmission 4605
- Daphnetin**
Plasmodium falciparum, in vitro 3289
Plasmodium yoelii, mice 3289
- Daphnia magna**, *Pleistophora ellipsoidea*, new species, Lithuania 2657
- Dapsone**
Leishmania 1201
Plasmodium falciparum, man 1549, 5049
Pneumocystis carinii
 human immunodeficiency virus, man 336, 1327, 5043
 immunocompromised hosts, man 3703
 man 345, 4155
 toxicity, man 1327, 5043
Toxoplasma gondii, man 4155
- Dapsone pyrimethamine**, *Plasmodium falciparum*, man 354
- Dasypus novemcinctus**
Leishmania naiffi, Brazil 4333
Trypanosoma cruzi, USA 535
- Data processing**
Plasmodium 1900
 protozoa, human immunodeficiency virus, man 415
- Daunorubicin**
 mode of action 365
Trypanosoma rhodesiense, in vitro, mode of action, lipids, peroxidation 365
- Davisia galeiformes**, new species, *Lycodapus australis*, Atlantic Ocean 3061
- Deafness**, *Toxoplasma gondii* 2955
- Decoquinat**
 cattle 5112
- Decoquinat** cont.
Eimeria, cattle 1923
Eimeria tenella, embryos 377
 toxicity, embryos 377
- Deer** (see also named genera)
Cryptosporidium, reviews 485
Cryptosporidium parvum 2689
- Dehydroepiandrosterone**, *Cryptosporidium parvum*, hamsters 5047
- Dehydriopinifolic acid**, *Leishmania donovani* 884
- Delayed type hypersensitivity**, *Leishmania chagasi*, man 3523
- Delusory parasitoses**, man, USA 950
- Denmark**
Isospora, foxes 2577
Pneumocystis carinii, human immunodeficiency virus, man 3051
Toxoplasma gondii, human immunodeficiency virus, man 3930
- Density**, *Plasmodium berghei*, *Anopheles* 1524
- Deoxyqinghaosu**
 mode of action 2893
Plasmodium berghei, in vitro, mode of action 2893
- Deoxyadenosine**, analogues, *Babesia bovis*, in vitro 1975
- Depression**, *Plasmodium*, man 2539
- Dermacentor reticulatus**, France 2445
- Dermocystidium anguilla**, *Anguilla*, Greece 3020
- Dermocystidium salmonis**, *Oncorhynchus*, transmission 5030
- N-desbutyl halofantrine**, *Plasmodium falciparum*, in vitro 4652
- Desethylchloroquine**, *Plasmodium falciparum*, Sudan, drug resistance 4643
- Desferrioxamine**
 mode of action 1980
Plasmodium falciparum
 in vitro 4651
 mode of action 1980
- Desipramine**
 drug resistance
 chloroquine 1219, 2395, 2862
 pyrimethamine 2862
- Desserobdella phalera**
Trypanosoma catotomi, susceptibility 5024
Trypanosoma phaleri
 development 5142
 infectivity 5142
 transmission 5142
- Desserobdella picta**, *Trypanosoma pipientis*, transmission 5022
- Devapamil**, drug resistance, chloroquine 4186
- Developing countries**
 microsporidia, human immunodeficiency virus, man, reviews 4360
 protozoa, human immunodeficiency virus, man, reviews 4360
- Development**
Amblyospora dyxenoides
Culex annulirostris 3760
Mesocyclops albicans 3760
Amblyospora punctor, *Aedes punctor* 102
Babesia caballi, *Hyalomma truncatum* 3495
Babesia gibsoni, *Haemaphysalis longicornis* 3353, 3356
Bonamia, *Tiostrea chilensis* 2486
Caryospora colubris, *Coluber jugularis* 4381
Cryptocaryon irritans, temperature 2924
Cryptosporidium, in vitro 3763
Cryptosporidium parvum 1420
Culicosporella lunata, *Culex pilosus* 3060
Eimeria deblickei, in vitro 2012
Eimeria polita, in vitro 2012
Eimeria sardinae, sporogony 2011
Eimeria scabra, in vitro 2012
Eimeria tenella 290, 947
 in vitro 2007
Hepatozoon 318
Histomonas meleagridis, peafowls 2737
Isospora suis, in vitro 2012

Development cont.

- Lambornella clarki*, *Aedes albopictus* 4778
- Leishmania donovani*
 - Aedes aegypti* 5019
 - Phlebotomus argentipes* 2808
 - Phlebotomus papatasi* 2808
- Leishmania infantum chagasi*, *Lutzomyia longipalpis* 4269
- Leishmania major*, *Phlebotomus papatasi* 1453
- Plasmodium* 2013
 - Anopheles* 2484
 - Anopheles dirus* 2009
 - Culicidae 946
- Plasmodium berghei* 1339
 - Anopheles stephensi* 1182, 1611
 - in vitro 4986
 - ookinetes, oocysts 3765
- Plasmodium falciparum*
 - Anopheles gambiae* 4611
 - in vitro 444
- Plasmodium gallinaceum*, *Aedes aegypti* 3214
- Plasmodium vivax*, *Anopheles sacharovi* 826
- Plasmodium yoelii nigeriensis* 1528
- Pleistophora schubergi*, *Choristoneura fumiferana* 1344
- Sarcocystis miescheriana*, pigs 5144
- Sarcocystis montanaensis*
 - mice 2485
 - Microtus ochrogaster* 2485
 - Peromyscus leucopus* 2485
- Sarcocystis ovifelis*, cats 3355
- Saurolaima gymnodactyli*, *Sergentomyia arpaklensis* 1491
- Sphaerospora elegans* 3949
- Sphaerospora renicola*, carp 1260
- Theileria annulata*, merozoites 3761
- Theileria parva*
 - cattle 836
 - merozoites 3762
- Toxoplasma gondii*, mice 1632
- Trypanosoma brucei*, *Glossina morsitans* 1633
- Trypanosoma cruzi* 224, 1521, 4581
 - amastigotes 3493
 - in vitro 5126
 - calcium 3352
 - potassium 3352
 - mice 4697
 - trypomastigotes 3493
- Trypanosoma evansi*
 - cattle 1631
 - mice 2008
 - rabbits 1631
- Trypanosoma phaleri*
 - Amia calva* 5142
 - Desserobdella phalera* 5142
- Trypanosoma vivax*, in vitro 1612
- Tuzetia schneideri*, *Ephemera danica* 445
- Vampyrophrya pelagica*, Copepoda 4699
- Vavraia culicis* 4387

Dexamethasone

- Acanthamoeba castellanii*, rabbits 4763
- Cryptosporidium parvum* 3005
- Eimeria aspheronica* 4471
- Eimeria ninakohlyakimovae* 4471
- Pneumocystis carinii* 1043
- rats 1743

Dextran

- Leishmania donovani*, macrophages, in vitro 4938
- Leishmania mexicana*, macrophages, in vitro 4938

Dextrose, *Plasmodium falciparum*, man 1199

- Diabetes mellitus**, pentamidine, man 3312
- Diabrotica undecimpunctata howardi*, *Gregarina coronata*, new species 4370
- Diadophis punctatus*, *Eimeria arnyi*, new species, USA 1334

Diagnosis

- Acanthamoeba*
 - dogs 1707
 - human immunodeficiency virus, man 2517
 - man, reviews 4271
- Babesia*, cattle 1628
- Babesia bigemina*, cattle 4695

Diagnosis cont.

- Babesia bovis*, cattle 4260, 4267
- Blastocystis hominis*, man 432
- coccidia, dogs 931
- Cryptosporidium*
 - cattle 1259, 2920
 - fowls 3349
 - human immunodeficiency virus, man 1731, 1742
 - man 429, 653, 2916, 3756
 - scanning electron microscopy 4681
 - pigs 942
 - ruminants, reviews 1771
- Cytauxzoon felis*, cats 2005
- diseases, livestock 1189
- Eimeria*, sheep 5133
- Eimeria tenella*, fowls 1257
- Entamoeba*, man, reviews 4254
- Entamoeba histolytica*, man 937, 1681, 1836, 2527, 2913, 3757, 3837-3838, 4265
- Enterocytozoon bienersi*
 - human immunodeficiency virus, man 2908
 - man 3347
- Georgia, *Giardia duodenalis*, man 431
- Giardia*
 - dogs 3875
 - man, reviews 4253
- Giardia duodenalis*
 - man 4476
 - scanning electron microscopy 4681
- Leishmania*
 - animals, reviews 2606
 - man 421, 935, 4266, 4686
 - reviews 2606, 4256
- Leishmania braziliensis*, man 4074
- Leishmania donovani*
 - hamsters 5134
 - man 1625
 - Phlebotomus* 5134
- Leishmania infantum infantum* 4978
- human immunodeficiency virus, man 3934
- Leishmania major*, man 1625
- Leptomyxidae, man, reviews 4271
- Naegleria fowleri*, man, reviews 4271
- parasites 1458
 - birds 2481
 - cats 3350
 - dogs 3350
 - general account 3351
 - man 4252, 4694
 - reviews 2918
- Plasmodium* 2461
 - animals, reviews 2606
 - man 421, 427, 940, 1998, 2001, 2472-2473, 2478, 2499, 3758, 3990, 4682-4685, 4693, 5140
 - reviews 2606, 4258
- Plasmodium falciparum*, man 426, 430, 1627, 1629, 3341, 3346, 3348, 3389, 3827, 4262, 4688, 5138
- Plasmodium vivax*, man 440, 5138
- Pneumocystis carinii* 2144
 - human immunodeficiency virus
 - man 193, 423-424, 428, 433-434, 1542, 2130, 2470, 2637, 2912, 2914-2915, 2921, 3345, 4251, 4690, 5132, 5135, 5139
 - reviews 2640
 - reviews 1744
 - immunocompromised hosts
 - man 1626, 2910-2911, 2921-2922, 3682, 3755, 4251, 4264, 4805, 4813, 5128, 5136
 - reviews 934
 - mice 3759
 - man 936, 2143
 - reviews 4259
- protozoa
 - horses 2006
 - man 1258, 2004, 2474-2475, 2900
 - faeces 4692
 - reviews 4691
- Sarcocystidae 1304
- Sarcocystis*
 - cattle 1630

Diagnosis cont.

- Sarcocystis* cont.
 - livestock 2467
- Sarcocystis cruzi*, horses 3342
- Theileria*, cattle 941, 1628, 4687
- Theileria annulata*, cattle, reviews 1917
- Toxoplasma gondii* 441, 2476, 4068
 - horses 3342
 - human immunodeficiency virus
 - man 939, 2045, 2621, 2642, 2943, 3340, 4363, 4367
 - reviews 5131
 - immunocompromised hosts, man 2045, 2943
 - man 425, 473, 2003, 2543, 2917, 3123, 3164, 3344, 4249, 4261, 4263, 5130, 5137
 - pregnancy 2731
 - reviews 2002, 4257
 - mice 4539
 - pigs 197, 3164
 - sheep 938
- Trichomonas vaginalis*, man 439, 1095, 2477
- Tritrichomonas foetus* 4268
 - cattle 943
- Trypanosoma*
 - animals, reviews 2606
 - cattle 1256
 - man, reviews 2606, 4255
- Trypanosoma congolense*, cattle 2450
- Trypanosoma cruzi* 3219
 - Didelphis* 3339
 - Didelphis marsupialis* 2471
 - man 438, 3338-3339, 4074, 4250, 4689, 4965, 5129
 - mice 4250
 - Nasua nasua* 2471
 - Philander opossum* 2471
 - Rhodnius* 3339
 - Triatoma* 3339
 - Triatoma infestans* 4250
- Trypanosoma evansi*
 - dogs 2471
 - Proechimys iheringi* 2471
- Trypanosoma gambiense*, man 3845, 5141
- Trypanosoma rhodesiense*, man 2451

Diaminobutyric acid, toxicity, quinine 5086**Diarrhoea**

- aetiology 1273
- bibliographies 3772
- Blastocystis hominis* 3566
 - man 1277, 3834
- Cryptosporidium*
 - cattle 1300, 1698, 4747
 - children 3807
 - goats 4753
 - human immunodeficiency virus, man 1048, 2820
 - man 972, 3388, 4299, 4726, 4916
 - Israel 2944
 - reviews 80
 - rats 3010
- Entamoeba coli*
 - children 3132
 - man, India 973
- Entamoeba histolytica* 4731
 - man 971-972, 1121, 4722-4724
 - India 973
 - reviews 80
- Enterocytozoon bienersi*, human immunodeficiency virus, man 3467
- Giardia*
 - dogs 873
 - man 972
- Giardia duodenalis* 1275, 4731
 - man 971, 3843, 4299, 4722, 4724, 5011-5012
 - Ghana 1278
 - reviews 80
 - mice 3569
- man
 - Thailand, epidemiology 1901
 - travel 3850
 - Uganda, traditional medicines 5056
- maternal behaviour 2332
- parasites
 - human immunodeficiency virus, man 1746
 - man 474

Diarrhoea cont.

- Strongyloides papillosus*, cattle 2078
Toxocara vitulorum, cattle 2078
Trichomonas hominis
 man 1282
 China 1282
Tritrichomonas suis, pigs 1299

Diarylpropanoids, *Trypanosoma cruzi*, in vitro 1583**Diaveridine**

- drug residues, fowls 5117
Eimeria, turkeys 1561

Diazepam, toxicity, quinine 5086**Dibutyltin dilaurate**

- drug residues, turkeys 3318
 turkeys, legislation 3318

Dicentrarchus labrax*, *Sphaerospora dicentrarchi*, new species, Spain 3488*Diclazuril**

- Cryptosporidium*, human immunodeficiency virus, man 3693
Eimeria, fowls 3687, 3709
Eimeria dispersa, turkeys 4638
Eimeria legionensis, partridges 1192
Eimeria tenella, embryos 377
 toxicity
 embryos 377
 fowls 1231

Dicrotendipes*, *Toxoglugea chironomi*, Sweden 3064*Dictionaries, veterinary medicine 1654*****Didelphis*, *Trypanosoma cruzi*, diagnosis 3339*****Didelphis albiventris***

- Trypanosoma cruzi*
 Argentina 4595
 Brazil 4332

Didelphis marsupialis

- coccidia, Brazil 3881
Trypanosoma cruzi
 diagnosis 2471
 immune response 173
 resistance 173

Didelphis virginiana

- Toxoplasma gondii*, USA 4104
Trypanosoma cruzi, USA 535

Dientamoeba fragilis

- Blastocystis hominis*, man, mixed infections 2942
 man
 Australia 475
 Czechoslovakia 2039
 Germany 3801

Differentiation, *Trypanosoma cruzi* 1444 **α -Difluoromethylarginine**

- mode of action 5096
Trypanosoma cruzi, in vitro, mode of action 5096

 α -Difluoromethylornithine

- Acanthamoeba culbertsoni*, in vitro 5108
Crithidia fasciculata, in vitro 3157
Leishmania mexicana, in vitro 2422
 mode of action 2422, 3157
Plasmodium falciparum, erythrocytes, in vitro 5124
Trypanosoma, man, reviews 4145
Trypanosoma brucei
 in vitro 1551
 mice 1203-1204, 1551
 pigs 1563
Trypanosoma evansi, mice 2816
Trypanosoma gambiense, man 852-853, 2350, 2352-2353
Trypanosoma rhodesiense
 drug resistance 877
 man 851

Digitonin, *Trypanosoma cruzi*, in vitro 1164**Diltiazem, drug resistance, pyrimethamine 2862****Dimethialium, *Eimeria*, fowls 1958****Dimethamine, *Eimeria*, fowls 1958****Dimethyl sulfoxide, *Sarcocystis neurona* 3280****Dimetridazole**

- birds 1961
 drug residues
 pigs 2441
 turkeys 4665
 medicated feeds 390
 toxicity, budgerigars 1991

Diminazene

- Babesia* 1960
Babesia rodhaini, mice 3279
Leishmania major, man 4148
 piroxican

- Trypanosoma brucei*
 mice 2845
 rabbits 2845

pirprofen, *Trypanosoma brucei*, man 2845**techniques****detection**

- animal tissues 2453
 bovine plasma 2453
 testing, drug resistance, in vitro 2454

toxicity

- mice 4178
 treatment, azathioprine 2402

Trypanosoma

- cattle 857, 2855
 zebu 856

Trypanosoma brucei

- drug resistance 881
 mice 854, 1204, 2402, 4178
 pigs 1563, 1690
 rabbits 855
 zebu 2058

***Trypanosoma congolense* 1799**

- Africa, drug resistance 2392
 drug resistance 2394
 in vitro 880
 in vitro 2861
 rabbits 855
 Somalia, drug resistance 2393, 5084
 Zambia, drug resistance 4642
 zebu 803, 2058

Trypanosoma evansi

- buffaloes 859
 cattle 2972

Trypanosoma lewisi*, rats 4137**Trypanosoma vivax***

- cattle 878
 in vitro 892
 zebu 2058

Dinoflagellates

- Beroe abyssicola*, USA, new host records 2107

Bolinopsis*, USA, new host records 2107**Chionoectes bairdi*, USA 1722*****Dryodora glandiformis*, USA, new host records 2107*****Euplokamis dunlapae*, USA, new host records 2107*****Pleurobranchia bachei*, USA, new host records 2107*****Diplegaster bimaculata*, *Myxidium pulchrum*, new species, Black Sea 1347*****Diplodus noct*, *Cryptobia eilatitica*, Red Sea 585****Dipyridamole**

- Leishmania donovani*, in vitro 3253
Leishmania mexicana, in vitro 3253

Disease models

- Acanthamoeba*, rats 4765
Acanthamoeba castellanii, rabbits 4764
Entamoeba histolytica, guinea pigs 3430
Plasmodium
 rodents 1808
Saimiri sciureus 3851
Plasmodium coatneyi, *Macaca mulatta* 4494

Diseases

- birds, Australia 2592
 buffaloes, control 4290
 livestock
 control 1189
 diagnosis 1189
 New Zealand 1271
 mynahs, reviews 544
Penaeus 1270

Disinfectants

- Acanthamoeba castellanii*, in vitro 1986
Acanthamoeba polyphaga, in vitro 1986

Disinfection

- coccidia
 mice 3326
 rats 3326
Cryptosporidium, water 356
 protozoa, man, water 404

Dispersal, *Henneguya doori*, water 5145**Disseminated infections**

- Acanthamoeba*, man 4798
Pneumocystis carinii 2133
 human immunodeficiency virus, man 2230, 3929, 3932
 man 2132

Distemper virus, *Sarcocystis*, *Procyon lotor*, USA 2614**Dithiothreitol, *Pneumocystis carinii* 936****Djibouti, *Plasmodium falciparum*, man 2799****DNA**

- Blastocrithidia* 1876
Eimeria maxima
 gametogony 2771
 sporogony 2771
Entamoeba 278
Entamoeba histolytica 4945
Giardia duodenalis 4959
Leishmania 258, 745
Leishmania major 4972
Leishmania mexicana, recombination 2766
Leptomonas 1876
Plasmodium 743, 1859
Plasmodium berghei, synthesis 2267
Plasmodium falciparum, synthesis 2267
Pneumocystis carinii 1475, 2769-2770
Proteomonas 1876
Sarcocystis 1464
 transfection, *Leishmania major* 3614
Trichomonas vaginalis 3749
Trypanosoma brucei 4070
Trypanosoma cruzi 698, 4960
 developmental stages 1454

DNA amplification

- Leishmania*, reviews 3167
Pneumocystis carinii, human immunodeficiency virus, man 3345

DNA binding proteins, *Trypanosoma rhodesiense* 3601**DNA fingerprinting**

- Entamoeba histolytica* 4554
Leishmania donovani 4555
Leishmania infantum chagasi 4555
Leishmania infantum infantum 4555

DNA hybridization

- Blastocystis hominis* 2288
Leishmania aethiopica 1862
Toxoplasma gondii 4068

DNA libraries

- Babesia bovis* 4260
Leishmania infantum infantum 1877
Plasmodium vivax 141
Toxoplasma gondii 3164

DNA methylation, *Trypanosoma cruzi* 1149**DNA polymerase**

- Plasmodium falciparum* 4090
Trypanosoma brucei 2268

DNA probes

- Babesia* 1628
Babesia bigemina 1996
Babesia bovis 4260
Blastocystis hominis 2288
Entamoeba histolytica 937, 2761
Giardia 4981
Giardia duodenalis 4237
Leishmania 437, 4686
Leishmania donovani 5134
Leishmania infantum infantum 4978
 parasites 1458
Plasmodium berghei 436, 4977
Plasmodium chabaudi 4977
Plasmodium falciparum 274, 430, 436, 769, 1153, 4688
Plasmodium vinckei 4977
Plasmodium vivax 440
Plasmodium yoelii 4977
 protozoa, reviews 2004
Sarcocystis cruzi 1147
Theileria 1628, 4687
Theileria parva, *Rhipicephalus appendiculatus* 435
Theileria sergenti 1873
Toxoplasma gondii 2476, 4539
 man 3164
 pigs 3164
Trypanosoma 2283
Trypanosoma brucei 766, 2054
Trypanosoma congolense 766, 2054
Trypanosoma cruzi 3177, 3339, 4562
Trypanosoma evansi 2280-2281

DNA probes cont.

- Trypanosoma simiae* 766, 2283
- Trypanosoma vivax* 2054

DNA sequencing, *Trypanosoma carassii*

3629

Doclostaurus maroccanus*, *Nosema maroccanus*, USSR 70*Dogs**

- Acanthamoeba*, USA 1707
- 8-aminoquinolines, pharmacokinetics 5098
- Babesia*
 - Australia 705
 - Germany 51
 - pathology 705
- Babesia canis* 3422
 - Brazil 50, 1085
 - France 1308
 - epidemiology 2445
 - haematology 220, 3124
 - immunization 3551
 - Italy 1017
 - pathogenesis 1840
 - pathology 3124
 - USA 2084
- Babesia gibsoni* 3422
 - drug therapy 2082
 - immunodiagnosis 3102
 - India 2082
 - Japan 3102
 - pathology 210
- Balantidium coli* 3419
 - experimental infection 3427
- coccidia, diagnosis 931
- Cryptosporidium* 3421
 - reviews 562
- Eimeria* 3421
- Encephalitozoon cuniculi* 3424
- Entamoeba histolytica* 3419
- Giardia* 525-526, 3418
 - treatment 873
 - USA 3875
 - zoonoses 1532
- Giardia duodenalis*, New Zealand 49
- Hammondia heydorni*, experimental infections, camel meat 4121
- Hepatozoon canis* 3420
 - Babesia*, Greece 1306
 - Ehrlichia*, mixed infections 1042
 - Ehrlichia canis*, France 3458
 - France 1014
 - Greece 1306
 - India, new geographic records 3449
 - Israel 3873
 - Japan 1708
 - Leishmania infantum infantum*, Italy 1016
 - reviews 1018
- Isospora* 3421
 - Brazil 1012
- Isospora canis*
 - experimental infections
 - camel meat 4121
 - sheepmeat 4121
- Isospora ohioensis*
 - experimental infections
 - rabbit meat 4121
 - sheepmeat 4121
- Leishmania* 3416
 - Brazil 4324
 - control 4131
 - drug therapy 1209
 - epidemiology, mathematical models 5001
 - Germany 2992
 - immune response 4863
 - Italy 1130, 2085
 - neoplasms, Italy 3037
 - Spain 1011
 - treatment 5073
- Leishmania braziliensis* 1531
 - Brazil, transmission 2314, 4612
- Leishmania chagasi*, Brazil 1502
- Leishmania donovani*, immunodiagnosis 4443
- Leishmania infantum infantum*
 - Cryptococcus laurentii*, Italy 3456
- France 52, 1013
- immune response 48, 1080
- immunodiagnosis 1094
- immunotherapy 1211

Dogs cont.

- Leishmania infantum infantum* cont.
- Italy, epidemiology 1500
- Malta 1157
 - epidemiology 5000
- Morocco 1705
 - pathology 704
- Portugal, epidemiology 791
- Syria 3425
- Leishmania mexicana*, Ecuador 301
- Leishmania tropica*
 - India, zoonoses 3230
 - Morocco 1705
 - Syria 3425
- Neospora caninum*
 - drug therapy 2390
 - Finland, new geographic records 4757
 - Norway, taxonomy 4822
 - pathology 204
 - UK 1305
 - USA 53
- parasites
 - Austria 2994
 - control 3236
 - diagnosis 3350
 - epidemiology 3209
 - general account 2086
 - zoonoses 3233-3236, 3350, 3367, 3670, 4758
- Pneumocystis carinii* 3462
- protozoa 524
 - Austria 1010
 - Brazil, reviews 1318
 - India 3449
 - zoonoses, reviews 1915
- Sarcocystidae, USA 1304
- Sarcocystis* 3421
 - Czechoslovakia 3656
 - experimental infection 2576
 - experimental infections, sheepmeat 4121
 - Jordan 1496
 - Turkey 2112
 - USA 3871
- Sarcocystis cameli*, experimental infections, camel meat 4121
- Sarcocystis canis*, new species, USA 587
- Sarcocystis capracanis*
 - experimental infections 5014
 - infectivity 1884
- Thailand 4755
- toxicity, sulfaquinolaxaline 4233
- Toxoplasma gondii*
 - Belgium 1307
 - Israel 3873
 - Malaysia 1303
 - pathology 713
 - USA 2997
 - zoonoses 1532
- Triatoma infestans*, Argentina 3415
- Trypanosoma*
 - Côte d'Ivoire 767
 - Liberia 767
- Trypanosoma brucei*, pathology 1429, 2224-2225
- Trypanosoma congolense*, Cameroon 1687
- Trypanosoma cruzi* 523, 3417
 - Argentina 3415
 - transmission 2306
 - immune response 1389, 4415
 - pathogenicity 219
- Trypanosoma evansi*
 - diagnosis 2471
 - immunization 3115, 4470
 - morphology 3947
 - WR-238605, pharmacokinetics 5098

Domestic animals

- Babesia*
 - immunization 1802
 - immunodiagnosis 1802
- parasites, China 2563
- protozoa
 - Brazil, checklists 3945
 - Canada, checklists 4274
- Trypanosoma*, immunodiagnosis, reviews 1803

Dominican Republic

- Plasmodium falciparum*
- Anopheles* 1513

Dominican Republic cont.

- Plasmodium falciparum* cont.
- man, epidemiology 1513
- Donkeys, *Babesia equi*, immunization 2215, 3553**
- Dot immunobinding assay**
 - Entamoeba histolytica* 2707
 - Trypanosoma cruzi*
 - man 3094
 - mice 3094
- Double stranded RNA virus**
 - Giardia duodenalis* 742, 1041
 - Leishmania guyanensis* 3624, 4542
 - Trichomonas vaginalis* 742
- Doxorubicin**
 - Leishmania donovani*
 - in vitro 4656
 - mice 4656
- Doxycycline, *Plasmodium falciparum*, man 5097**
- Drinking water**
 - Cryptosporidium*
 - Puerto Rico 4118
 - UK 2787
 - Giardia*, Puerto Rico 4118
 - Giardia duodenalis*, USA 4668
- Dromedaries**
 - bibliographies 2023
 - Theileria*, Egypt 3882
 - Trichomonas foetus*, pathology 1422
 - Trypanosoma evansi*
 - Clostridium perfringens*
 - interactions 4789
 - United Arab Emirates 4789
 - immune response 632
- Drug antagonism, quinine, chloroquine 3261**
- Drug combinations**
 - allopurinol 3698
 - mechlumine antimonate 4653
 - aminohexanoic acid, metronidazole 2377
 - amlodipine, chloroquine 897
 - antimalarials, drug resistance 5083
 - arsenicals
 - nitrofurans 1239
 - nitroimidazoles 1239
 - azithromycin
 - interferon 1545
 - pyrimethamine 4147
 - sulfadiazine 4147
 - benznidazole, α -difluoromethylornithine 1551
 - chloroquine
 - chlorpromazine 3720
 - desferrioxamine 4651
 - prochlorperazine 3720
 - proguanil 2836, 5081
 - clarithromycin, pyrimethamine 1949
 - clindamycin
 - interferon 338
 - primaquine 3270, 4144
 - quinine 3695
 - clopidol
 - nequinat 3710
 - irammin 1560
 - cyclosporine, quinine 2853
 - dapsone
 - didanosine 3703
 - pyrimethamine 4155
 - rifampicin 3703
 - α -difluoromethylornithine
 - antimony compounds 1203
 - diminazene 1204, 1563
 - Ro 15-0216 1551
 - diminazene
 - MK 436 854
 - piroxicam 2845
 - pirprofen 2845
 - TS 88 854
 - TS 89 854
 - dipyridamole, tubercidin 3253
 - interferon, pyrimethamine 338
 - mefloquine
 - pyrimethamine, sulfadoxine 2871
 - pyrimethamine sulfadoxine 5075
 - quinine 3702
 - mechlumine antimonate 3698
 - melaminylthioarsenate, nitroimidazoles, suramin 1206
 - methylbenzethonium, paromomycin 844
 - monensin, tiamulin 388, 3317

Drug combinations cont.

- narasin, nicarbazin 2366
 nifurtimox, suramin 2355
 nitrobenzylthioinosine, tubercidin 3253
 nitroquine, pyronaridine 1976
 ormetoprim, sulfadimethoxine 4626
 pyrimethamine
 clindamycin 3263
 pyronaridine, sulfadoxine 1976, 5106
 sulfadiazine 3263, 4158
 sulfadoxine 1540
 pyrimethamine sulfadoxine, quinine 3695
 robenidine, iramin 1560
 sodium stibogluconate, verapamil 5040
 sulfaquinoxaline
 diaveridine 1561
 pyrimethamine 1561
 trimethoprim 346
 suramin
 MK 436 854
 TS 24 854
 TS 88 854

Drug delivery systems

- liposomes, chloroquine 3254
 pentamidine 2375, 2427

Drug formulations

- books 3791
 chloroquine, microcapsules 5105

Drug metabolism, furazolidone 904-905**Drug residues**

- amprolium 2436
 clopidol, eggs 3323
 coccidiostats 3741
 eggs 2435
 meat 2435
 diaveridine, fowls 5117
 dibutyltin dilaurate, turkeys 3318
 dimetridazole
 pigs 2441
 turkeys 4665
 furazolidone
 pigmeat 394
 turkeys, eggs 397
 ipronidazole, turkeys 4665
 isometamidium
 animal tissues 2403
 meat 2405
 lasalocid, lambs 393
 maduramicin, turkeys, faeces 396
 metronidazole, urine 2416
 monensin, fowls 2385
 nitrofurantoin
 fowls 4232
 pigmeat 394
 ormetoprim, fowls 5117
 poultry manure 3740
 pyrimethamine, plasma 373
 sulfonamides, fowls 5117
 trimethoprim, fowls 5117

Drug resistance

- amodiaquine 2865, 3286, 3681, 3695, 4184, 5039, 5082
 antimalarials, drug combinations 5083
 arsobal 2391
 chloroquine 272, 352, 354-355, 357, 359-360, 967, 1216, 1218, 1221-1222, 1565, 1568, 1570-1573, 1595, 1662, 1757, 1964-1965, 1967-1969, 1971-1972, 2395, 2398, 2512, 2819, 2865-2868, 3251, 3281, 3283-3285, 3681, 3686, 3695, 3712-3713, 4182-4185, 4188, 4624, 4641, 4643-4646, 5039, 5074, 5076, 5079-5080, 5082
 proguanil 866, 5081
 coccidiostats 883
 desethylchloroquine 4643
 diminazene 880, 2392-2394, 2861, 4642, 5084
Eimeria
 coccidiostats 883
 toltrazuril 1970
Giardia duodenalis, metronidazole 4176
 halofantrine 3713, 4185
 homidium 878
 isometamidium 358, 878, 880, 1240, 2392-2393, 2861, 4642, 5084, 5089
Leishmania, sodium stibogluconate 882
Leishmania amazonensis 4967
Leishmania donovani
 India, sodium stibogluconate 1566

Drug resistance cont.

- Leishmania donovani* cont.
 molecular genetics, vinblastine 4077
Leishmania major 1453
 antimony 2397
 arsenicals 2397
 mice, paromomycin 844
 man 1671
 chloroquine 4163
 mefloquine 353, 1217-1218, 1547, 1570, 1757, 3282, 3713, 4185, 5075, 5078
 in vitro 3282
 metronidazole 4176, 4187
 paromomycin 844
Plasmodium
 Africa 876
 chloroquine 882
 immunocompromised hosts, man 1966
 immunosuppression 4640
 techniques, testing 5077
Plasmodium chabaudi
 chloroquine 2862
 reversal 357
 pyrimethamine 2862
Plasmodium falciparum
 Africa
 4-aminoquinolines, reviews 5082
 antifolates, reviews 5082
 chloroquine 1967, 4182-4183, 4185
 halofantrine 4185
 mefloquine 4185
 pyrimethamine sulfadoxine 4185
 quinine 4185
 amodiaquine 2832
 artesunate, *in vitro* 2863
 Benin
 chloroquine 1570
 proguanil 5081
 mefloquine 1570
 Brazil
 amodiaquine 3695
 chloroquine 3695
 pyrimethamine sulfadoxine 3695
 Cambodia, mefloquine 5075
 Cameroon
 amodiaquine 4184
 chloroquine 2395, 3281, 4184
 mefloquine 3282
 quinine 3281
 Central African Republic, mefloquine 1217
 China, chloroquine 2512
 chloroquine 272, 350-351, 874-875, 1219-1220, 1465, 1965, 2775, 2832, 2880, 4186, 4533
 in vitro 359
 Congo
 amodiaquine 2865
 chloroquine 2865, 3713
 halofantrine 3713
 mefloquine 3713
 quinine 3713
 cycloguanil 875
 India 1969
 amodiaquine 3681
 chloroquine 1671, 1968, 2398, 3251, 3681, 3712, 4641, 4644-4645, 5076
 Indonesia
 chloroquine 1221
 pyrimethamine sulfadoxine 1221
 Kenya
 amodiaquine 5039
 chloroquine 354, 3284, 4163, 5039
 chloroquine-resistance 2868
 pyrimethamine sulfadoxine 354
 Liberia, chloroquine 5080
 Madagascar, chloroquine 1571-1572
 Malawi
 chloroquine 5079
 pyrimethamine 5079
 Mali, chloroquine 1573
 Mali
 Burkina Faso, chloroquine 1971
 Cameroon, chloroquine 861
 Madagascar, chloroquine 2866
 Senegal, chloroquine 2867
 mathematical models 1564

Drug resistance cont.

- Plasmodium falciparum* cont.
 Mozambique
 chloroquine 5079
 pyrimethamine 5079
 Niger, chloroquine 359
 Nigeria, chloroquine 1568, 3283, 4188
 Papua New Guinea
 amodiaquine 2864, 3286
 chloroquine 2864
 pyrimethamine 875, 1567, 3607, 4541
 pyronaridine 1965
 reviews 1963
 Senegal, chloroquine 4646
 Sierra Leone, chloroquine 1662
 Somalia
 chloroquine 1218, 1222, 1964
 mefloquine 1218
 South Africa
 chloroquine 5079
 pyrimethamine 5079
 Sudan
 chloroquine 360, 1595, 1757, 3285, 4643
 desethylchloroquine 4643
 Tanzania, chloroquine 3686, 5074
 Thailand
 mefloquine 353, 1547
 pyrimethamine sulfadoxine mefloquine 3690
 West Africa, chloroquine 967, 1565
 Zambia, chloroquine 1216
Plasmodium ovale, Africa, chloroquine 4185
Plasmodium vivax
 Africa, chloroquine 4185
 China, chloroquine 2512
 Indonesia, chloroquine 352, 4624
 Papua New Guinea
 chloroquine 355
 mefloquine 5078
Plasmodium yoelii, chloroquine 897
 pyrimethamine 1564, 1757, 5079, 5082
 pyrimethamine sulfadoxine 354, 1221, 3695, 4185
 pyrimethamine sulfadoxine mefloquine 3690
 pyronaridine 1965
 quinapyramine 878
 quinine 3281, 3713, 4185
Sauroleishmania tarentolae
 antimony 2397
 arsenicals 2397
 sodium stibogluconate 1566
 techniques
 testing
 diminazene, *in vitro* 2454
 isometamidium, *in vitro* 2454
Toxoplasma gondii, sulfadiazine 3711
Trichomonas vaginalis, metronidazole 4187
Trypanosoma brucei
 diminazene 881
 isometamidium 881
Trypanosoma congolense
 Africa
 diminazene 2392
 isometamidium 2392
 diminazene 2394
 in vitro 880
 isometamidium 358, 5089
 in vitro 880
 Somalia
 diminazene 2393, 5084
 isometamidium 2393, 5084
 Zambia
 diminazene 4642
 isometamidium 4642
Trypanosoma equiperdum
 berenil 2396
 cymelarsan 2396
 isometamidium 2396
 quinapyramine sulfate 2396
 suramin 2396
Trypanosoma evansi
 berenil 2396
 cymelarsan 2396
 isometamidium 2396
 quinapyramine sulfate 2396
 suramin 2396

Drug resistance cont.

- Trypanosoma gambiense*, arsobal 2391
Trypanosoma rhodesiense 877
 α-difluoromethylornithine 877
Trypanosoma vivax
 isometamidium 1240
 in vitro 2455
 Kenya
 homidium 878
 isometamidium 878
 quinapyramine 878
 Somalia
 homidium 878
 isometamidium 878
 quinapyramine 878

Drug synergy

- allopurinol 3698
 azithromycin
 pyrimethamine 4147
 sulfadiazine 4147
 chloroquine
 chlorpromazine 3720
 prochlorperazine 3720
 meglumine antimonate 3698

Drug targeting, primaquine, polyalkylcyanoacrylate nanoparticles 4195**Drug therapy**

- Acanthamoeba*, man 3800
Acanthamoeba castellanii, rabbits 4763
Acanthamoeba culbertsoni, man 4944
Babesia, cattle 1960
Babesia bigemina, cattle 2217
Babesia divergens, *Meriones unguiculatus*, immunization 4025
Babesia gibsoni, dogs 2082
Babesia ovis
 goats 862
 sheep 862
Babesia rodhaini, mice 3279
Blastocystis hominis
 man 2847
 reviews 3836
 coccidia
 cattle 1962
 gamebirds 1925
 poultry 1920
 sheep 4151
Cryptobia salmositica, rainbow trout 1590
Cryptosporidium
 human immunodeficiency virus, man 91, 2629, 2820, 3693, 3699
 man 2372
Cryptosporidium parvum
 cattle 5046
 immunocompromised hosts, rats 846, 3678
 mice 865
Eimeria
 cattle 1923, 3276
 fowls 348, 883, 1197, 1559-1560, 1562, 2366, 2386-2387, 2817, 2821, 3687, 3709, 4146, 5044
 immunity 4013
 goats 2859
 pigeons 5070
 rabbits 4159
 sheep 1945
 turkeys 1207, 1561
Eimeria acervulina, fowls 3710
Eimeria bovis, cattle 4181
Eimeria brunetti, fowls 2857
Eimeria dispersa, turkeys 4638
Eimeria mitis, fowls 2858
Eimeria tenella, fowls 346, 872, 2824, 4152, 4634
Encephalitozoon cuniculi, human immunodeficiency virus, man 1330
Entamoeba, man 4165
Entamoeba histolytica
 Macaca fascicularis 4310
 man 1076, 1546, 1681, 1835, 2837, 2945, 3837-3838
Enterocytozoon bienersi, human immunodeficiency virus, man 3468
Giardia, man 2379, 4165
Giardia duodenalis
 man 2856, 2945, 3255, 4176, 5066
 mice 1939
Histomonas
 pheasants 1215

Drug therapy cont.

- Histomonas*
 turkeys 1215
Ichthyophthirius multifiliis
 Oncorhynchus mykiss 349
 ornamental fishes 4136
Isospora belli, human immunodeficiency virus, man 2629
Leishmania 5104
 dogs 1209
 man 335, 340, 860, 1195, 1201, 1557, 2047, 3250, 3689, 4142, 4218, 5040
 reviews 2374
Leishmania amazonensis, man 1, 2031
Leishmania braziliensis, man 4653, 5058
Leishmania donovani
 hamsters 871, 899, 1922, 2852, 3729
 human immunodeficiency virus, man 3935, 5062
 man 330, 1238, 1493, 1566, 1950, 2851, 2952, 4627
 mice 337, 864, 871, 1226, 1929, 3253, 4194, 4627, 4656, 5087
 immune response 4903
Leishmania infantum infantum, human immunodeficiency virus, man 4628
Leishmania major
 man 4148, 4154
 mice 844-845, 4621
Leishmania mexicana, man 1285
Leishmania panamensis
 hamsters 1544
 man 331, 3698
Leishmania tropica, man 1202, 4167
 microsporidia, human immunodeficiency virus, man 2854
Myxobolus cerebralis, rainbow trout 1548, 2388
Naegleria fowleri, man 2043
Neospora caninum, dogs 2390
Nosema apis, honeybees 347
Plasmodium
 man 341, 361, 1210, 1213, 1555, 1592, 1594, 1598, 1930, 1976, 2382, 2473, 2491, 2885, 3271, 3307, 4212, 4231, 4661, 5045
 history 4172
 reviews 1927, 2166, 2374
 timing 1936
Plasmodium berghei
 mice 364, 374, 1934, 2378, 2384, 2426, 2825, 3254, 3269, 3288, 3684, 3696, 3717, 4633, 4647
Praomys natalensis 1933
 rats 4654
Plasmodium cynomolgi, *Macaca mulatta* 332, 1685, 5041
Plasmodium falciparum 773
 man 333, 344, 363, 372, 850, 861, 1200, 1205, 1212, 1222, 1540, 1547, 1554, 1569, 1572, 1935, 1948, 1951, 1956, 1969, 2364, 2367, 2401, 2408, 2430, 2827, 2838, 2853, 2871, 3249, 3251, 3257-3258, 3261, 3266-3267, 3285, 3379, 3681, 3686, 3688, 3695, 3700, 3702, 3786, 3827, 3832, 4138, 4156, 4163, 4168-4169, 4174, 4196, 4632, 4648, 5002, 5039, 5052-5053, 5063, 5075, 5080, 5097, 5106, 5159
 Africa 848
 cost benefit analysis 2819
 reviews 1924, 1942, 3705, 5054
 treatment failure 4631
 mice 2431
Plasmodium knowlesi, *Macaca mulatta* 3119, 3256
Plasmodium vinckei, mice 2413
Plasmodium vinckei petteri, mice 1556
Plasmodium vivax
 Aotus 4624
 man 5064
 reviews 5054
 Saimiri 4624
Plasmodium yoelii, mice 897, 1194, 2877, 3248, 3289, 3701, 4622
Pneumocystis carinii
 human immunodeficiency virus 336

Drug therapy cont.

- Pneumocystis carinii* cont.
 human immunodeficiency virus cont.
 man 326-327, 367, 888, 1193, 1558, 1932, 2133, 2380, 2432, 2651, 2846, 2874, 2886, 2891, 3270, 3734, 4171, 4228-4229, 4623, 5043, 5061
 reviews 3685
 reviews 1744
 immunocompromised hosts
 man 2842, 4144, 4648
 reviews 3241
 man 2143, 5059
 reviews 1924
 rats 4636
 post kala azar dermal leishmaniasis, man 3689
 protozoa, man, reviews 1924, 1938, 1944
Sarcocystis neurona, horses 3280
Theileria, cattle 901, 3245, 3708
Theileria annulata, cattle 511, 2362, 4150, 4153
Theileria parva
 cattle 5071
 immunization 4019, 4026-4027
Toxoplasma gondii
 human immunodeficiency virus, man 576-577, 1937, 1949, 2829, 2848, 3263, 4143, 4214, 4625
 immunocompromised hosts, man 4648
 man 1953, 4158, 4161, 4208, 4704
 reviews 1943, 2002, 2374
 mice 338-339, 1545, 4140-4141, 4147
Trichomonas
 pheasants 1215
 turkeys 1215
Trichomonas vaginalis
 man 375, 2377, 3262, 4187, 5042
 mice 2741
Trypanosoma 5104
 cattle 857, 5072
 livestock 2357
 man 2351
 reviews 2374, 4145
 mice 2349, 2360
 zebu 2058
Trypanosoma brucei
 man, reviews 1941
 mice 854, 896, 1203-1204, 1206, 1239, 1551, 1581, 2355, 2399, 2402, 2845, 4178
 pigs 1563
 rabbits 855, 2845
 sheep 1552, 1600
Trypanosoma congolense
 cattle 933, 1799
 mice 933
 rabbits 855
 rats 858
 zebu 803, 1799, 2361
Trypanosoma cruzi
 man 3301
 mice 2881, 3694, 4139, 4635
Trypanosoma equiperdum, mice 2396
Trypanosoma evansi
 buffaloes 712, 859, 1125, 3272
 camels 2303, 2359
 cattle 2972
 mice 2396, 2816, 3739
Trypanosoma gambiense, man 852-853, 1237, 1982, 2350, 2352-2354, 3315, 3738
Trypanosoma lewisi, rats, immunity 4137
Trypanosoma rhodesiense 471
 Cercopithecus aethiops 854
 man 851
 mice 877
Trypanosoma vivax, zebu 1946
Dryodora glandiformis
 dinoflagellates, USA, new host records 2107
 Oodinium, USA, new host records 2107
Ducks
 Blastocystis, Czechoslovakia, new host records 3013
 Blastocystis anatis, new species, USSR 3491

Ducks cont.

- coccidia, India 2092
- Cryptosporidium baileyi*, experimental infections 539
- Eimeria danailovi*, experimental infections 3354
- Haemoproteus*, Nigeria 538
- Plasmodium*, Nigeria 538
- Tetratrichomonas gallinarum*, pathogenicity 3571
- Toxoplasma gondii*, China, epidemiology 2309

Duocoxin, *Eimeria tenella*, fowls 2824**Dusmoecetes marioni**

- Gregarina munieri*
- Marion Island
- new geographic records 3892
- new host records 3892

Dye test, *Toxoplasma gondii* 2193, 3101, 4880**Dysentery, *Entamoeba* 1113****Eastern Europe, tropical medicine 2016*****Echinms dasythrix*, *Trypanosoma rangeli*, Brazil 4329*****Echinactinomyxidium*, *Limnodrilus hoffmeisteri*, Sweden 4388*****Echinocardium cordatum*, *Urospora neapolitana*, France 4782****Echocardiography, *Trypanosoma brucei*, dogs 2225****Ecology**

- Anopheles*, Sri Lanka 1179
- Anopheles darlingi* 4115
- ciliates, evolution, reviews 4836
- parasites
- transmission 3186
- Trematodus bernacchii* 790
- Plasmodium*, man 604, 4396
- protozoa
- man 72
- taxonomy, reviews 4825
- Trypanosoma*, birds 602

Econazole, *Trichomonas vaginalis*, in vitro 1973**Economic analysis**

- Plasmodium*
- man
- Africa 1036-1039
- Burkina Faso 1039
- Rwanda 1038
- Thailand
- control 4785
- health centres 4785

Economic impact, *Plasmodium*, man, Thailand 4289**Economics**

- Anopheles*, Cameroon, control 3906
- Plasmodium*, man, Cameroon, control 3906

Ectomyeloides ceratoniae*, *Nosema*, Argentina 3446*Ecuador**

- Entamoeba histolytica*, man, new geographic records 1683
- Leishmania*, man 860
- Leishmania major*, man, epidemiology 301
- Leishmania mexicana*
- dogs 301
- Lutzomyia ayacuchensis* 301, 1516
- man, epidemiology 301, 1516
- protozoa, man 1683
- Trypanosoma cruzi*
- man, epidemiology 785
- Panstrongylus geniculatus* 785
- Rhodnius pictipes* 785
- Rhodnius robustus* 785

Edhazardia aedis*, *Amblyospora*, Culicidae, biological control 1606*Eflornithine (see α -difluoromethylornithine)****Egypt**

- Amblyospora*, *Culex pipiens* 2802
- Amblyospora egypti*, new species, *Culex pipiens* 3059
- Blastocystis hominis*, man 3844
- Cryptosporidium*
- Bagrus bayad* 547
- Clarias lazera* 547
- Rattus norvegicus* 4762
- Rattus rattus* 4762
- Tilapia nilotica* 547

Egypt cont.

- Eimeria arvicanthi*, *Arvicanthus niloticus* 99
- Eimeria balrocki*, new species, *Eumeces schneideri* 1050
- Eimeria mehlhorni*, new species, *Arvicanthus niloticus* 99
- Encephalitozoon cuniculi*, rabbits 4451
- Entamoeba histolytica*
- man 4265
- Rattus norvegicus* 4762
- Rattus rattus* 4762
- Entamoeba histolytica* 1076
- Giardia duodenalis*
- Rattus norvegicus* 4762
- Rattus rattus* 4762
- Leishmania*, *Phlebotomus*, transmission 4126
- Leishmania major*
- man 1881
- military personnel 2528
- Phlebotomus papatasi* 1881
- Myxosoma tilapiae*, new species, *Oreochromis niloticus* 593
- Plasmodium*, man, epidemiology 4603
- Plasmodium falciparum*, man 970
- Sarcocystis*, camels 4766
- Theileria*, dromedaries 3882
- Toxoplasma gondii*
- rabbits 4451
- tonsillitis, man 990

Ehrlichia*, Hepatozoon canis, dogs, mixed infections 1042**Ehrlichia canis*, Hepatozoon canis, dogs, France 3458*****Ehrlichia equi*, *Babesia equi*, horses, interactions 4502****Eimeria**

- Acryllium vulturinum*, Somalia 1028
- Alectoris graeca saxatilis*, France 1311
- Amazona aestiva* 4770
- Apodemus*
- host specificity 1336
- synonyms 1336
- buffaloes, India 3861
- Bunostomum*, sheep, USSR, epidemiology 1897
- camels, Oman 3026
- cats 3421
- cattle
- China 484
- Czechoslovakia 3414
- drug therapy 1923, 3276
- India 1689, 4321
- Kenya 1005
- Oman 3026
- prophylaxis, cost benefit analysis 1322
- USSR 1696
- Venezuela 3412
- Clethrionomys glareolus*
- Lithuania 3880
- USSR 3008
- dogs 3421
- drug resistance
- coccidiostats 883
- toltrazuril 1970

fowls

- Brazil 60
- control 839, 917, 4620, 5037
- drug therapy 883, 1559, 1562, 2366, 2386-2387, 3709, 4146
- immunization 1819
- Poland 62
- prophylaxis 1958
- susceptibility, genetic variation 4885
- USA, general account 3252

goats 1692

- China 42
- drug therapy 2859
- Germany 43
- India 4754
- Kenya 1005, 4317
- Oman 3026
- Romania 1294
- Spain, epidemiology 1898
- horses, reviews 3407
- Lagopus mutus*, France 1311
- manures 1902
- Paguma larvata*, China 2575
- partridges, prophylaxis 4626

Eimeria cont.

- Phoca vitulina*, UK 537
- poultry 1711
- Yugoslavia 4335
- rabbits 1024
- Brazil 56
- Malaysia 4330
- Nigeria 1025
- pathology 534
- prophylaxis 3278
- reindeer, Finland 2971
- rhostry organelles 4531
- rodents, host specificity 4821
- Rupicapra rupicapra*, Czechoslovakia 4313

Serpentes, checklists 589**sheep 1692**

- Brazil 2966
- China 42
- Czechoslovakia 2060
- drug therapy 1945
- general account 2986
- Germany 43
- India 4754
- Kenya 1005, 4317
- Nigeria, epidemiology 3201
- Oman 3026
- pathology 209
- plane of nutrition 2070
- prophylaxis 1945
- USA 993

Sus scrofa*, Pakistan 4749*techniques, identification, oocysts 5123*****Tetrao tetrix*, France 1311*****Theragra chalcogramma*, USA 2598*****Trichostrongylidae*, goats, haematology 1301****turkeys**

- immunotherapy 2220
- prophylaxis 1198

ultrastructure 1028***Eimeria acervulina***

- antigens 612
- characterization 4425

fowls

- drug therapy 1197, 1560, 2817, 2821, 3687, 3710
- immunity 4013
- immune response 1390, 4409, 4862
- immunity 4468
- nicarbazin 4013
- salinomycin 4013
- immunization 1105, 4409, 4468
- pathogenicity 3128
- pathology 1830, 3125
- prophylaxis 2818
- morphology 4385
- proteins, characterization 4425
- Salmonella typhimurium*, fowls, interactions 4356
- strain differences 4385

Eimeria adenoides

- live vaccines 4468
- monensin, in vitro 5115
- turkeys

- drug therapy 1207, 1561
- pathology 1124

Eimeria ahsata*, goats, Zimbabwe, new geographic records 39**Eimeria alabamensis*, cattle, Mexico 3403*****Eimeria albigulae***

- Neotoma floridana*, USA, new host records 3002
- Neotoma micropus*, USA, new host records 3002

rodents

- experimental infections 4821
- USA 3002

Eimeria alijevi**goats**

- Brazil 3856
- Kenya 4314
- Zimbabwe, new geographic records 39

Eimeria alpaca*, *Lama glama*, USA, new host records 1026**Eimeria anolids*, new species, *Anolis carolinensis*, USA 1050*****Eimeria antonellii***

- Neotoma albigula*, USA, new host records 3002

- Eimeria antonellii* cont.**
Neotoma micropus, USA, new host records 3002
 rodents, USA 3002
- Eimeria apionodes***
Apodemus sylvaticus, host specificity 413
 mice, experimental infections 413
- Eimeria apsheronica***, goats, Brazil 3856
- Eimeria arizonensis***
 chemotaxonomy 762
Peromyscus boylii, USA 762
Peromyscus crinitis, USA, new host records 3002
Peromyscus difficilis, USA, new host records 3002
Peromyscus truei, USA 762
Reithrodontomys, USA, new host records 4821
 rodents
 experimental infections 4821
 USA 3002
- Eimeria arloingi***
 goats
 Brazil 3856
 India 502
 Kenya 4314
 Zimbabwe, new geographic records 39
- Eimeria arnyi***, new species, *Diadophis punctatus*, USA 1334
- Eimeria arvicanthi***, *Arvicanthus niloticus*, Egypt 99
- Eimeria aspheronica***
 goats
 immunosuppression 4471
 Zimbabwe, new geographic records 39
- Eimeria auburnensis***
 cattle
 Bangladesh 3406
 Brazil 3859
 Iraq 515
 Mexico 3403
- Eimeria baiomyxis***, rodents, experimental infections 4821
- Eimeria baltrocki***, new species, *Eumeces schneideri*, Egypt 1050
- Eimeria bareillyi***, buffaloes, Thailand, reviews 38
- Eimeria barnardi***, new species, *Rhoptropus barnardi*, Namibia 4820
- Eimeria beecheyi***
Cynomys leucurus, USA, new host records 2581
Spermophilus elegans
 USA 4327
 new host records 2581
- Eimeria bilamellata***
Spermophilus elegans
 USA 4327
 new host records 2581
- Eimeria bovis***
 buffaloes, Malaysia 41
 cattle
 Bangladesh 3406
 Brazil 3859
 drug therapy 4181
 France 4181
 immunization 1383
 Iraq 515
 Malaysia 2068
 Mexico 3403
- Eimeria brasiliensis***
 cattle
 Brazil 3859
 Mexico 3403
- Eimeria brunetti***, fowls, drug therapy 2857, 3687
- Eimeria bukidnonensis***
 cattle
 Bangladesh 3406
 Brazil 3859
- Eimeria callospermophili***
Spermophilus elegans
 USA 4327
 new host records 2581
Spermophilus mexicanus, USA, new host records 3007
- Eimeria canadensis***
 cattle
 Brazil 3859
- Eimeria canadensis* cont.**
 cattle cont.
 Mexico 3403
- Eimeria caprini***, goats, Zimbabwe, new geographic records 39
- Eimeria caprovina***
 goats
 Brazil 3856
 Kenya 4314
- Eimeria chelydrae***, *Chelydra serpentina*, USA 588
- Eimeria christensenii***
 goats
 Brazil 3856
 India 502
 Kenya 4314
 Zimbabwe, new geographic records 39
- Eimeria coecicola***, rabbits, life history 443
- Eimeria columbarum***, pigeons, drug therapy 5070
- Eimeria crandallii***
 goats, India 502
 sheep, UK 2566
- Eimeria cylindrica***
 buffaloes, Malaysia 41
 cattle
 Bangladesh 3406
 Brazil 3859
 new records 3859
- Eimeria danailovi***
 ducks, experimental infections 3354
 life history 3354
- Eimeria debliccki***
 development, *in vitro* 2012
 pigs
 pathology 4044-4045, 4491
 Zimbabwe 1691
- Eimeria dispersa***, turkeys, drug therapy 4638
- Eimeria ellipsoidalis***
 cattle
 Brazil 3859
 Malaysia 2068
 Mexico 3403
- Eimeria europaea***, *Lepus europaeus*, Turkey, new records 532
- Eimeria fasciatus***, new species, *Eumeces fasciatus*, USA 3936
- Eimeria faurei***
 goats, India 502
 sheep, Bangladesh 3406
- Eimeria ferrisi***, *Mus musculus*, Czechoslovakia, new geographic records 4761
- Eimeria filamentifera***, *Chelydra serpentina*, USA 588
- Eimeria gallopavonis***
 live vaccines 4468
 turkeys, drug therapy 1561
- Eimeria gilruthi***, sheep, UK 500
- Eimeria gozaishoensis***, new species, *Capricornis crispus swinhoei*, Japan, zoological gardens 3938
- Eimeria granulosa***
 goats
 India 502
 Zimbabwe, new geographic records 39
- Eimeria guyanensis***, new species, *Ameiva ameiva*, Guyana 1050
- Eimeria harlani***, new species, *Macroclemys temminckii*, USA 4817
- Eimeria hirci***
 goats
 Brazil 3856
 Kenya 4314
 Zimbabwe, new geographic records 39
- Eimeria idmii***, new species, *Gazella gazella*, Saudi Arabia 2154
- Eimeria intricata***
 goats
 India 502
 Zimbabwe, new geographic records 39
 sheep, Bangladesh 3406
- Eimeria jolchijevi***
 goats
 Brazil 3856
 Kenya 4314
- Eimeria labbeana***, pigeons, drug therapy 5070
- Eimeria lachrymalis***
Peromyscus crinitis, USA 3002
Peromyscus difficilis, USA 3002
 rodents, USA 3002
- Eimeria ladronensis***
Neotoma floridana, USA, new host records 3002
Neotoma lepida
 Mexico 3002
 USA, new host records 3002
Neotoma micropus, USA, new host records 3002
 rodents, USA 3002
- Eimeria lamae***, *Lama glama*, USA, new host records 1026
- Eimeria larimerensis***, *Spermophilus elegans*, USA 4327
- Eimeria legionensis***, partridges, prophylaxis 1192
- Eimeria leiocephali***, new species, *Leiocephalus barahonensis*, Haiti 1050
- Eimeria leporis***, *Lepus europaeus*, Turkey, new records 532
- Eimeria lineri***, *Hemidactylus turcicus turcicus*, Turkey 1050
- Eimeria lydiae***, new species, *Salmo trutta fario*, Czechoslovakia 3058
- Eimeria macusaniensis***, *Lama glama*, USA, new host records 1026
- Eimeria magna***
 control, microwave radiation 405
 rabbits, drug therapy 4159
- Eimeria maxima***
 antigens
 characterization 4425
 gametocytes 3609
 DNA
 gametogony 2771
 sporogony 2771
 fowls 1716
 drug therapy 1560, 2817, 3687
 immunity 4013
 immunity
 nicarbazin 4013
 salinomycin 4013
 pathology 3125
 prophylaxis 2818
 life history 2923
 morphology 4385
 proteins, characterization 4425
 RNA
 gametogony 2771
 sporogony 2771
Salmonella typhimurium, fowls, interactions 4356
 strain differences 4385
- Eimeria mayurai***, peafowls, India 542
- Eimeria media***
Oryctolagus cuniculus, pathogenicity 720
 rabbits, drug therapy 4159
- Eimeria mehlhorni***, new species, *Arvicanthus niloticus*, Egypt 99
- Eimeria meleagridis***
 live vaccines 4468
 monensin, *in vitro* 5115
 turkeys, drug therapy 1207, 1561
- Eimeria mitis***, fowls, drug therapy 348, 2858, 3687, 5044
- Eimeria morainensis***
Cynomys leucurus, USA, new host records 2581
Spermophilus elegans
 USA 4327
 new host records 2581
Spermophilus mexicanus, USA, new host records 3007
- Eimeria mundaragi***, cattle, Iraq 515
- Eimeria necatrix***
 antigens, characterization 4425
 fowls
 immunity 4468
 immunization 4468
 India 4914
 pathogenicity 4914
 pathology 3125
 prophylaxis 2818
 morphology 4385
 Newcastle disease virus vaccines, fowls, interactions 1356
 proteins, characterization 4425
 strain differences 4385

- Eimeria nieschulzi**
culture techniques 4674
motility, *in vitro* 4674
Nippostrongylus brasiliensis, rats,
immune response 2612
rats, pathology 4490
viruses, RNA 271
- Eimeria ninakohlyakimovae**
goats
Brazil 3856
France, epidemiology 308
immunosuppression 4471
India 502
Kenya 4314
oocysts, sampling 995
Zimbabwe, new geographic records
39
sheep, Bangladesh 3406
- Eimeria onychomys**, rodents, experimental
infections 4821
- Eimeria ovina**, sheep, Bangladesh 3406
- Eimeria ovinoidalis**
sheep
diagnosis 5133
UK 2566
USA 993
- Eimeria pachyibroni**, new species,
Pachydactylus bibroni, Namibia 4820
- Eimeria pallida**
goats
Brazil 3856
Zimbabwe, new geographic records
39
- Eimeria palumbi**, new species, *Zenaida
galapagoensis*, Galapagos Islands 1338
- Eimeria papillosum**, new species, *Salvadora
grahamiae*, USA 589
- Eimeria parva**
goats, India 502
sheep
Bangladesh 3406
diagnosis 5133
- Eimeria pellita**
cattle
Iraq 515
Mexico 3403
- Eimeria perforans**, rabbits, drug therapy
4159
- Eimeria perminuta**, pigs, Zimbabwe 1691
- Eimeria phelsumae**, new species, *Phelsuma
madagascariensis grandis*, Madagascar
1050
- Eimeria polita**
development, *in vitro* 2012
pigs, Zimbabwe 1691
- Eimeria praecox**, fowls, drug therapy 3687
- Eimeria punctata**, goats, Zimbabwe, new
geographic records 39
- Eimeria rangei**, new species, *Palmatogecko
rangei*, Namibia 4371
- Eimeria rheimi**, new species, *Gazella sub-
gutturosa*, Saudi Arabia 4818
- Eimeria robertsoni**, *Lepus europaeus*, Tur-
key, new records 532
- Eimeria roperi**, rodents, USA 3002
- Eimeria sardinae**
Clupea harengus, Canada 548
development, sporogony 2011
- Eimeria scabra**, development, *in vitro* 2012
- Eimeria sciurorum**, *Sciurus vulgaris*, Yugo-
slavia 2089
- Eimeria separata**, rats, pathology 4490
- Eimeria septemvittata**, new species, *Regina
septemvittata*, USA 1335
- Eimeria septentrionalis**, *Lepus europaeus*,
Turkey, new records 532
- Eimeria serpicicola**, new species,
Thamnophis proximus, USA 589
- Eimeria serpentina**, new species, *Chelydra
serpentina*, USA 588
- Eimeria sexlineatus**, new species,
Cnemidophorus sexlineatus, USA 3056
- Eimeria sigmodontis**, rodents, USA 3002
- Eimeria spermophili**
Spermophilus elegans
USA 4327
new host records 2581
- Eimeria stiedai**
cytochemistry 3597
rabbits
drug therapy 4159
- Eimeria stiedai cont.**
rabbits cont.
Malaysia 2580, 4330
Pakistan 3878
Taiwan 3006
- Eimeria striatula**, new species, Virginia
striatula, USA 589
- Eimeria subspherica**
buffaloes, Malaysia 41
cattle
Bangladesh 3406
Brazil 3859
- Eimeria suis**, pigs, Zimbabwe 1691
- Eimeria taylori**, rodents, experimental infec-
tions 4821
- Eimeria tenella**
antigens 612, 4404, 4850
characterization 4425
bacteria, fowls, interactions 3036
cathepsins, *in vitro* 1584
chemotaxonomy 279
coccidiostats, embryos 377
culture media, chelating agents 919
culture techniques 3329
development 947
in vitro 2007
enzymes 231
epitopes 4404
fibroblasts, host parasite relationships, *in
vitro* 4993
fowls 1716
diagnosis 1257
drug therapy 346, 348, 872, 1197,
1560, 2817, 2821, 2824, 3687,
4152, 4634, 5044
immunity 4013
immune response 643, 3982
immunity 279, 1231, 4468, 4634
nicarbazin 4013
salinomycin 4013
immunization 1106, 1145, 3109, 4468
immunodiagnosis 4868
pathology 872, 3125
prophylaxis 346, 2818, 4152
resistance 2207
susceptibility, genetic variation 4885
host parasite relationships, lymphocytes,
in vitro 290
L-651,582, *in vitro*, mode of action 3732
mice, immunodiagnosis 1096
mixed infections, fecundity, isoenzymes
4563
monoclonal antibodies 4850
morphology 4385
nucleotide sequences 1470
proteins 1145, 3143
characterization 4425
research 3359
Salmonella typhimurium, fowls, interac-
tions 4356
sporogony 3766
strain differences 4385
techniques
counting 4563
purification 3329
viability 3329
- Eimeria turcicus**, *Hemidactylus turcicus*
turcicus, Turkey 1050
- Eimeria tuskeensis**
rodents, USA 3002
Sigmodon ochrognathus, USA, new host
records 3002
- Eimeria vanasi**
life history, merogony 2159
tilapia, pathology 2159
ultrastructure, merogony 2159
- Eimeria vermiformis**, transmission 2330
- Eimeria webbiae**, rodents, USA 3002
- Eimeria whittakeri**, new species, *Cryptotis
parva*, USA 1049
- Eimeria zuernii**
cattle
Bangladesh 3406
Brazil 3859
Iraq 515
Malaysia 2068
Mexico 3403
- Eimeriidae**, books, India 459
- Eiseniella tetraedra**
Apolocystis spinosa
Poland
new geographic records 3444
new host records 3444
Apolocystis vivax, Poland, new geo-
graphic records 3444
- El Salvador**, *Plasmodium vivax*, man 467
- Electrical properties**, *Crithidia* 4987
- ELISA**
Amyloodinium ocellatum 3522
Babesia divergens 157
Babesia equi 169
Babesia gibsoni 3102
Babesia ovis 158
Bonamia ostreae 2704
Cryptosporidium 2916, 3104
Eimeria tenella 1096
Entamoeba histolytica 166, 650, 2194,
2199, 2707
Giardia duodenalis 649, 2197, 2204
Leishmania 1090, 2202
Leishmania donovani 2700, 4443, 4870
melarsoprol, serum 927
Plasmodium 1807
Anopheles 2800
Plasmodium falciparum 163, 1073, 1087,
1089, 1515, 1804, 4450
Anopheles 1905
Plasmodium malariae 1392
Plasmodium vivax 1391, 3995, 4447
Theileria annulata 1384
Toxoplasma gondii 165, 473, 655, 1091,
1396-1397, 2049, 2193, 2683, 2702,
3101, 3533-3534, 3537, 3978, 3994,
3999, 4448, 4865-4866, 4869, 4876,
4878, 4880
Trichomonas vaginalis 2477
Trypanosoma 2203
Trypanosoma congolense 1799, 3991
Trypanosoma cruzi 652, 1499, 1806,
2198, 3095, 4445
epimastogotes 4000
Trypanosoma equiperdum 159
Trypanosoma gambiense 1093, 4444,
4717
Trypanosoma rhodesiense 4872
Trypanosoma vivax 3991
- Encephalitis**
Neospora, cattle 2237
Sarcocystis
goats 4752
Procyon lotor 3000
- Encephalitozoon**
human immunodeficiency virus, man,
UK 4389
man 1287
mink, pathology 208
ultrastructure 4389
- Encephalitozoon cuniculi**
Alopecurus lagopus
Czechoslovakia 1706
pathology 713
cats 3424
Cercopithecus aethiops, experimental
infection 480
dogs 3424
horses, South Africa 2064
human immunodeficiency virus, man,
drug therapy 1330
Mustela vison, pathology 713
rabbits
Belgium 2583
Egypt 4451
experimental infections 527
immunodiagnosis 4451
laboratory animals 3001
Singapore 530
- Encephalitozoon hellem**
human immunodeficiency virus
man
reviews 3038
USA 4790
new species, man, USA 101
ultrastructure 2160
- Encephalopathy**, *Trypanosoma brucei*, mice,
drug therapy 4178
- Endangered species**, parasites 3503
- Endocytosis**
Trypanosoma brucei 4528, 4567
Trypanosoma cruzi 1165, 3633

- Endolimax**, poultry 1713
Endolimax nana
Blattella germanica, transmission 827
 HTLV-I, interactions 2127
 human immunodeficiency virus, man, Australia 4812
 man 976
 Australia 475
 Brazil 4294
 epidemiology 989
 malnutrition 989
 Czechoslovakia 2039
 France 3817
 Italy 1669
 Jamaica 2127
 Kenya 14
Endometritis, *Tritrichomonas foetus*, dromedaries 1422
Endoreticulatus schubergi, new combination 1344
Energy metabolism
Babesia bovis 3146
Leishmania major 1438
Enpiroline, *Plasmodium falciparum*, *in vitro* 353
Enrofloxacin, *Cryptosporidium parvum*, mice 865
Entamoeba
 chemotaxonomy 278
 human immunodeficiency virus, man 1329
 man
 diagnosis, reviews 4254
 drug therapy 4165
 immunodiagnosis, reviews 4254
 immunopathology 1113
 Nigeria 1670
 pathology 1670
 poultry 1713
Entamoeba barreti, culture techniques 1613
Entamoeba coli
Blattella germanica, transmission 827
 HTLV-I, interactions 2127
 human immunodeficiency virus, man, Australia 4812
 man
 Australia 475
 Brazil 4294
 Czechoslovakia 2039
 Germany 3801
 India, diarrhoea 973
 Jamaica 2127
 pathogenicity 23, 3132
 Sweden 23
 techniques, concentration, ova, faeces 1622
Entamoeba gingivalis
 chemotaxonomy 3631
 techniques, riboprinting 3631
Entamoeba hartmanni
 HTLV-I, interactions 2127
 Jamaica 2127
 Kenya 14
Entamoeba histolytica
 adherence, lectins 3640
 antibodies 4401
 antigens 626, 1083, 3083, 3087, 3548, 3977
 pathogenicity 3091
 bacteria, interactions 3083
 berberine sulfate, *in vitro*, mode of action 1587
 biology 573
Blastocystis hominis, man, mixed infections 2942
Blattella germanica, transmission 827
 Budd-Chiari syndrome, man, Nigeria 4720
 calcium binding proteins 4083
 carbohydrates 2254
 cats 3419
 Japan, new host records 2996
 chemotaxonomy 276, 764, 1161, 1472, 1883, 3179, 4553-4554
Clostridium perfringens
 mice
 interactions 1325
 pathogenicity 1325
 codons 3625
 colon, host parasite relationships 780
Entamoeba histolytica cont.
 complement, *in vitro* 1783
 culture techniques 1613, 2456, 2460, 2901
 cytokines, *in vitro* 4429
 cytotoxicity 4401
 DNA 4945
 dogs 3419
 enzymes 237, 726, 4526, 4950
 erythrocytes, phagocytosis 3183
Escherichia coli
 mice
 interactions 1325
 pathogenicity 1325
 essential oils, *in vitro* 5107
 genes, transcription 2767
 glycoconjugates 1852
 granulocytes, host parasite relationships 4996
 growth, *in vitro* 2754
 guinea pigs
 disease models 3430
 pathology 3122
 hamsters
 pathogenesis 3127
 pathogenicity 715, 2244
 histamine, *in vitro* 1407
 human immunodeficiency virus
 interactions, *in vitro* 574
 man
 developing countries, reviews 4360
 interactions 574
 Kaposi's sarcoma 4806
 pathogenicity 3179, 3567
 USA 2129
 imidazoles, *in vitro* 3297
 immune response 573
 reviews 1777
 immunology, reviews 113
 interferon, *in vitro* 4429
 isoenzymes 240
 lectins 752
 reviews 2758
 lymphoma, man, USA 2
Macaca fascicularis
 drug therapy 4310
 laboratory animals 4310
 macrophages, *in vitro* 4414, 4422, 4429
 man 3419, 3820
 antigens 118
 Australia 475, 3376
 Austria 25
 Bangladesh 964, 4723
 Benin 1681
 Brazil, epidemiology 2305
 Cameroon 4719
 reviews 3394
 China 4724
 epidemiology 1501
 Congo 3840
 diagnosis 937, 2913, 3757, 4265
 diarrhoea 971-972, 3772
 reviews 80
 drug therapy 1076, 1546, 1835, 2837, 2945
 reviews 1944
 Ecuador, new geographic records 1683
 Egypt 4265
 France 3817
 French Polynesia 2557, 3837-3838
 Gabon 3382
 general account 2961
 Germany 24
 Ghana 5011
 immune response 1076, 1778, 4017, 4852
 immunity 4017
 immunization 1274
 immunodiagnosis 166, 650, 2194, 2199, 2707, 3097-3098, 3977
 immunopathology 1419, 1824, 2723
 India 2042, 2526, 2541, 4017, 4724, 4731
 diarrhoea 973
 epidemiology 4998
 Israel 2945
 Italy 1161
 pathogenicity 4553
 Japan 3098, 3223, 3343
Entamoeba histolytica cont.
 man cont.
 Japan cont.
 epidemiology 805
 Jordan 4722
 Kenya 14, 22
 Malaysia 16
 epidemiology 1495
 Mexico 4724
 epidemiology 800
 Myanmar 4724
 Pakistan 4724
 pathogenesis 2245
 pathogenicity 1835
 pathology 1121
 reviews 79, 2122, 3029-3030, 3897
 Saudi Arabia 1281
 Sudan, epidemiology 2332
 Sweden 4303
 symptomatology 1836
 Taiwan 4293
 Thailand 3803
 transmission 3223
 nosocomial infections 4352
 treatment 1824, 3757
 Trinidad and Tobago 4716
 Tunisia 3812
 UK 3842
 USA 5, 2328, 2521, 2527
Meriones unguiculatus
 immunization 3548
 immunological deficiency 4902
 metronidazole, *in vitro* 893
 mice
 immune response 4843
 pathogenicity 191
 microtubules 111
 neutrophils, host parasite relationships 2778
 nucleosides, analogues 1241
 nucleotide sequences 937, 1472
 oxadiazoles, *in vitro* 4223
 pathogenicity 1472, 3565
in vitro, epithelium, intestines 2738
 zymodemes 3133
 phanquinone, *in vitro*, mode of action 4199
 physiology 3181, 4985
 pigs, China, epidemiology 1501
 plasma membranes, reviews 2259
 polyisobutylcyanoacrylate nanoparticles, *in vitro* 1990
 proteins 1872, 3151
Punica granatum, extracts, *in vitro* 2419
 rabbits
 pathogenesis 4046
 pathology 3122
 rats
 pathogenesis 3131
 virulence 1407
Rattus norvegicus, Egypt 4762
Rattus rattus, Egypt 4762
 repetitive DNA 3606, 4947
 rheumatoid factor, interactions 4401
 ribosomal DNA 2761
Shigella flexneri, interactions 4354
 techniques, concentration, ova, faeces 1622
 tetracyclines, *in vitro* 3293
 virus-like particles 1323
Entamoeba invadens
 allosamidin 4062
 carbohydrates 2254
 culture techniques 1613
 enzymes 1844, 4062
 locomotion 3634
 motility 3634
 nikkomycins 3714
 polyoxins 3714
Punica granatum, extracts, *in vitro* 2419
 rabbits, pathogenesis 4046
 ultrastructure, cytoskeleton, actin 3634
Entamoeba muris, *Sigmodon hispidus*, USA, new host records 4328
Entamoeba terrapinae, culture techniques 1613
Enterobacter cloacae, *Trichomonas vaginalis*, interactions, *in vitro* 85
Enterococcus, *Trichomonas vaginalis*, mice, interactions 4355
Enterocytozoon, man 1287

Enterocytozoon bienersi

- detection 2908
- human immunodeficiency virus man 3467
- Chile 2141
- drug therapy 3468
- France 1678, 3465, 3468, 3923
- Germany 2619
- pathology 3921
- reviews 3038
- USA 2908

man

- diagnosis 3347
- drug therapy, reviews 1944
- staining 2908

Enterocytozoon salmonis

- new species, *Oncorhynchus tshawytscha*, USA 1343
- Oncorhynchus tshawytscha*, pathogenesis 1434

Enteromonas hominis, man 976**Entodinium caudatum**, enzymes 4520**Entodinium dubardi**, *Odocoileus virginianus*, USA 482**Entomopathogens**

- Lutzomyia* 2801
- Phlebotomus* 2801

Entopolepoides macaci

- Babesia bigemina*, antigens, cross reaction 654
- Babesia bovis*, antigens, cross reaction 654
- Babesia canis*, antigens, cross reaction 654
- Macaca fascicularis*, immunodiagnosis 654
- Plasmodium falciparum*, antigens, cross reaction 654

Environmental impact, vectors, control 908**Environmental legislation**

- vector-borne diseases
- dams 4606
- irrigation 4606

Enzyme immunoassay

- Cryptosporidium* 1098
- Giardia duodenalis* 164
- Hammondia hammondi* 4437
- Toxoplasma gondii* 1394, 3100, 4001, 4437
- pigs 1086
- Trypanosoma brucei* 1404
- Trypanosoma congolense* 1404
- Trypanosoma cruzi*, epimastogotes 4000
- Trypanosoma vivax* 1404

Enzyme polymorphism

- Eimeria arizonensis* 762
- Giardia* 4981
- Leishmania major* 4561
- Leishmania shawi* 3390
- Leishmania tropica* 1879
- Sauroleishmania adleri* 2776
- Sauroleishmania gulikae* 2776
- Sauroleishmania gymnodactyli* 2776
- Sauroleishmania tarentolae* 2776
- Trypanosoma brucei* 4552
- Trypanosoma cruzi* 656
- Trypanosoma evansi* 4551, 4559
- Trypanosoma fallisi* 4557
- Trypanosoma gambiense* 4551
- Trypanosoma ranarum* 4557
- Trypanosoma rotatorium* 4557
- Trypanozoon* 4551

Enzymes

- Acanthamoeba* 3595
- nucleotide sequences 249
- Acanthamoeba castellanii* 734, 2255-2256, 3142, 4921, 4929, 4931
- Acanthamoeba culbertsoni* 3575, 4944
- Babesia bovis* 4545
- Bonamia ostraeae* 4943
- Crithidia fasciculata* 1847, 1864-1866, 2277, 2757, 3141, 3152, 3157, 3628
- Eimeria neschulzi* 271
- Eimeria tenella* 231
- Entamoeba histolytica* 237, 726, 4526, 4950
- Entamoeba invadens* 1844, 4062
- Giardia duodenalis* 2746, 4512, 4936
- Leishmania* 4940
- Leishmania aethiopica*, heat shock, promastigotes 3596

Enzymes cont.

- Leishmania amazonensis* 1139
- Leishmania donovani* 739, 1854-1855, 3173, 4061, 4524
- promastigotes 4515
- Leishmania major* 1440, 4055, 4065
- Leishmania mexicana* 2261, 3154, 4522
- Leishmania tarentolae* 3147
- Plasmodium*, reviews 4056
- Plasmodium berghei* 2825, 3136
- Plasmodium falciparum* 225, 257, 1143, 1441, 1471, 1842, 1849, 1851, 3169, 3604, 4952
- Plasmodium gallinaceum*, ookinetes 1903
- Plasmodium knowlesi* 3590
- Pneumocystis carinii* 424, 898
- rumen protozoa 4520
- Sarcocystis bovicanis* 1858
- Sarcocystis muris* 1850
- Theileria* 4529
- Theileria annulata* 4949
- Toxoplasma gondii* 2295
- Trichomonas tenax* 216
- Trichomonas vaginalis* 226, 1846, 4662, 4924
- hydrogenosomes 1057
- Tritrichomonas foetus* 1846
- Trypanosoma brucei* 228-229, 241, 1843, 1866, 2253, 2262, 2265, 2751, 2755, 3140, 3168, 3619, 4508, 4513, 4525, 4527, 4925, 4930, 4941
- Trypanosoma congolense* 3153, 4059
- Trypanosoma cruzi* 224, 269, 644, 732, 753, 1445, 1448-1449, 1845, 2763, 3137, 3158, 3583, 3623, 4063, 4506, 4519, 4530, 4929, 4932, 5096
- trypomastigotes 1142
- Trypanosoma rhodesiense* 1473
- Tyzzeria parvula* 2756

Eos bornea

- Sarcocystis*, pathology 714
- Toxoplasma gondii*, USA 4341

Eosinophils

- Leishmania* 4431
- Leishmania braziliensis* 1417
- parasites, sheep 176
- Sarcocystis cruzi* 156

Ephemeria danica, *Tuzetia schneideri*, development 445**Epicrates cenchria**, *Caryospora epicratesi*, new species, Brazil 4373**Epidemiology**

- Babesia*
- cattle
- South Africa 818
- Zaire 2336
- Babesia bigemina*, cattle, Zimbabwe 5032
- Babesia bovis*, cattle, South America, mathematical models 4111
- Babesia canis*, dogs, France 2445
- Chloromyxum barbi*, carp, Germany 3439
- coccidia, pheasants, Yugoslavia 324
- communicable diseases, man, disasters 5150
- Cryptosporidium*
- animals, reviews 303
- man 3204
- reviews 304
- Switzerland 302
- tropics, reviews 464
- UK 988, 2338, 2785-2787, 3203, 3652
- USA 1634
- water 3368
- diarrhoea, man, Thailand 1901
- Eimeria*
- Bunostomum*, sheep, USSR 1897
- goats, Spain 1898
- sheep, Nigeria 3201
- Eimeria ninakohlyakimovae*, goats, France 308
- Endolimax nana*, man, Brazil 989
- Entamoeba histolytica*
- man
- Brazil 2305
- China 1501
- Japan 805
- Malaysia 1495
- Mexico 800
- Sudan 2332

Epidemiology cont.*Entamoeba histolytica* cont.

- pigs, China 1501

*Giardia***man**

- UK 3206
- USA 3205
- water 3368
- Giardia duodenalis*
- man
- Brazil 989, 2304-2305
- Canada 306
- France 3207
- India 2794
- Jamaica 477
- Malaysia 1495
- Mexico 307, 800
- New Zealand 305, 2312-2313, 2798, 2807
- reviews 2797
- Sudan 2332
- Thailand 1901
- UK 2789
- USA 416, 799
- USA 3229

Haematozoa, birds, South Africa 3436*Leishmania*

- dogs, mathematical models 5001
- man 2322, 3215, 4596
- Brazil 4131
- India 1896, 3649
- Sudan, reviews 787
- Syria 3425
- urban development 5004
- USSR 3200

*Leishmania braziliensis***man**

- Brazil 814, 822, 1531, 2314, 4612
- Colombia 2315
- Guatemala 3665
- Paraguay 1894
- Venezuela 816

Leishmania chagasi, man, Brazil 1502*Leishmania donovani*

- human immunodeficiency virus, man, France 2795
- man 3903
- China, control 5029
- France 2795
- India 2796, 3648, 4105
- Kenya 4106
- Sudan 1493, 4610

Leishmania infantum, man, Portugal 314*Leishmania infantum infantum*

- dogs
- Italy 1500
- Malta 1157, 5000
- Portugal 791

man

- Italy 1177, 1500
- Malta 313, 1157
- Tunisia 1480

Leishmania lainsoni, man, Brazil 825*Leishmania major*

- Israel 1518

man

- Ecuador 301
- Israel 316
- USSR 2316
- Leishmania mexicana*, man, Ecuador 301, 1516
- Leishmania panamensis*, man, Colombia 2315

*Leishmania tropica***man**

- Kenya 319
- Morocco 1879
- Morocco 1520
- Leishmania venezuelensis*, man, Venezuela 813

Naegleria

- fresh water, France 3208
- water 3368

parasites

- cats 3209
- dogs 3209
- mathematical models 1174

Plasmodium

- man 2121, 2322, 2492, 3215, 4604
- Africa 1914, 2793
- Argentina 2788

Epidemiology cont.*Plasmodium* cont.

man cont.

- Asia 1649-1650, 1913-1914
- Brazil 4593
- Burundi 1508
- Cameroon 4114, 4602
- China 1176, 2699, 2806, 3210
- Colombia 309
- Egypt 4603
- Equatorial Guinea 4592
- Europe 1649
- Gambia 5025
- India 1671, 1899, 2320, 2324, 3202, 3650, 3794, 4999, 5015, 5020
- Italy 1171
- Kenya 2321, 4106, 4603
- Madagascar 300, 1510, 1571, 2790-2792
- Malaysia 798, 835, 2800
- Mali 1511
- mathematical models 4113, 4588
- Mauritius, reviews 1503
- Mediterranean Countries 1647-1649
- Mexico 3666
- Myanmar 1181
- Nigeria 4603
- Papua New Guinea 2540, 2711
- Reunion, reviews 1503
- Sao Tome and Principe 4110
- South East Asia 311
- Sri Lanka 786, 1179, 1785
- Suriname 820
- Taiwan 317
- Thailand 817, 2926
- Turkey 4603
- USA 1523
- USSR 5026
- Zaire 1504

Plasmodium brasilianum, primates, Brazil 3398*Plasmodium falciparum*
man 3196

- Algeria 5007
- Burkina Faso 1494, 3651
- Colombia 1497
- Comoros 4591
- Dominican Republic 1513
- India 2317, 4107, 5016
- Kenya 3659
- Madagascar 789, 2791-2792, 3222
- Sri Lanka 1527
- Suriname 4115
- Thailand 815

sickle cell trait, man, Sudan 4412

Plasmodium juxtanucleare, fowls, Brazil 824*Plasmodium malariae*, man, Algeria 5007*Plasmodium vivax*

man

- Bangladesh 4594
- Brazil 1525-1526
- China 3218, 3646
- India 1895, 5016
- Mexico 811
- Sri Lanka 1527, 5028

Pneumocystis carinii

human immunodeficiency virus

man

- Switzerland 4809
- USA 1328

man, UK 3469

protozoa

fishes 565

man

- Africa 3825
- Korea Republic 30
- shellfish 565

Sarcocystis

buffaloes, India 3653

pigs, India 3653

sheep, Czechoslovakia 3656

Sarcocystis falcatula, Psittacidae, USA 4337*Sarcomastigophora*, man, India 4998*Sphaerospora renicola*, *Cyprinus carpio*, Europe 2103*Theileria*

cattle 802

Epidemiology cont.*Theileria* cont.

cattle cont.

- Africa 801, 837
- Malaysia 3221
- Zaire 2336
- Zimbabwe 2065

Theileria annulata, cattle 5033*Theileria parva*

cattle

- Africa 836
- Zimbabwe 2065

Theileria sergenti, Japan 1519*Theileria taurotragi*, cattle, Zimbabwe 5032*Toxoplasma gondii*

animals, reviews 4120

ducks, China 2309

fowls, China 2309

human immunodeficiency virus, man, Italy 5003

livestock, Lithuania 3226

man

- Central African Republic 1506
- China 2309
- Congo 1507
- India 1663
- Italy 2311
- Netherlands 4109
- Nigeria 5008
- reviews 4120
- Sudan 4599
- UK 4108
- Zaire 1505

pigs

- China 2309
- USA 4104

sheep, Mexico 2573

Trichomonas vaginalis

man

- Africa 3825
- India 3199
- USA 5005

Trypanosoma

cattle

- Africa 2203
- Gambia 2307
- Ghana 828
- Nigeria 514, 795

human immunodeficiency virus, Africa 1173

livestock, Togo 784

man 3215

- Africa 793
- Cameroon 2028
- Congo 4125
- Zambia 3645

n'dama

- Gambia 794
- Mali 488
- Zaire 2335

Trypanosoma brucei

cattle, Kenya 4552

man, Kenya 4552

Trypanosoma catostomi, *Catostomus**commersoni*, Canada 5024*Trypanosoma congolense*

cattle, Zanzibar 796

n'dama, Congo 2326

sheep, Nigeria 3194

zebu, Ethiopia 803

Trypanosoma cruzi

man 2322

- Argentina 2306, 3213, 3415, 3664, 4595, 5027
- Brazil 1286, 1529, 3197, 3217
- Ecuador 785
- Mexico 1499
- Trinidad and Tobago 4600
- urban development 5004

Trypanosoma equiperdum, horses, Italy 1175*Trypanosoma evansi*

camels, Kenya 2303

cattle, India 2972

Trypanosoma gambiense

mammals 1530

man

- Central African Republic 5018
- Equatorial Guinea 792

Epidemiology cont.*Trypanosoma (Megatrypanum)*, *Cervus elaphus*, Germany 1185*Trypanosoma murmanensis*, *Johannsonia arctica*, Canada 4615*Trypanosoma rhodesiense*

man

- Uganda 2029
- Zambia 2302

*Trypanosoma (Trypanozoon)**Glossina morsitans*, Zambia 5006*Glossina pallidipes*, Zambia 5006

livestock, Zambia 5006

man, Zambia 5006

wild animals, Zambia 5006

Trypanosoma vivax

cattle, Nigeria 3194

goats, Congo 809

sheep

Congo 809

Nigeria 3194

vector-borne diseases, man, assessment 4605

Epudinum, goats 3400*Epinephelus*, parasites, treatment 2823*Epinephelus akaara*, *Cryptocaryon irritans*, China 2595*Epinephelus awoara*, *Cryptocaryon irritans*, China 2595*Epinephelus malabaricus**Sphaerospora*

pathology 1128

South East Asia, new geographic records 1128

Sphaerospora epinepheli, new species, Thailand 2157*Epistylis*, *Penaeus monodon*, Taiwan 3024**Epitopes***Cryptosporidium parvum* 3082*Eimeria tenella* 4404*Entamoeba histolytica* 3083*Giardia duodenalis* 1372*Leishmania* 1789*Plasmodium falciparum* 265, 1073, 1079, 1373, 3506, 3514, 3600, 3612, 3955, 3967*Plasmodium vivax* 3514, 3959, 4421*Trypanosoma congolense* 4439*Trypanosoma cruzi* 127, 1789, 3074*Trypanosoma rhodesiense* 3602cross reaction, *Acanthamoeba castellanii*, *Trypanosoma cruzi* 4929**Epizootiology** (see epidemiology)**Epstein-Barr virus***Plasmodium brasilianum* 629*Toxoplasma gondii*, man, interactions 2936**Equatorial Guinea***Glossina*, control 5036*Plasmodium*, man, epidemiology 4592*Trypanosoma gambiense*

man

control 2346, 5036

epidemiology 792

Equidae, *Babesia*, reviews 2074**Erethizon dorsatum***Sarcocystis sehi*, new species, USA 2155*Toxoplasma*, USA, new host records 533*Toxoplasma gondii*, pathology 533**Erythrocytes***Babesia bovis*, host parasite relationships 284, 4576-4577*Babesia divergens*, host parasite relationships 2782*Entamoeba histolytica*, phagocytosis 3183*Plasmodium*

host parasite relationships 1167, 4100, 4239, 4572, 4587

reviews 4099

Plasmodium berghei, host parasite relationships 4680*Plasmodium coatneyi*, host parasite relationships 282*Plasmodium falciparum* 1893, 3093, 3129

antigens 3075

Pf155/RESA 124

cell invasion, magnesium 4989

cytoadherence 3563-3564

 α -difluoromethylornithine, *in vitro* 5124

Erythrocytes cont.

Plasmodium falciparum cont.
host parasite relationships 280, 285,
287, 298, 779, 1170, 1486,
1889, 2296, 3187, 3563-3564,
3641, 4098, 4102, 4570-4571,
4573, 4575-4576, 4578, 4984,
4992

in vitro 1886, 4569

Plasmodium knowlesi, host parasite relationships 298

techniques, separation, *Plasmodium* 4239

Theileria, host parasite relationships 4505

Theileria sergenti, host parasite relationships 4580

Erythropoiesis

Plasmodium falciparum 3380

Plasmodium vivax 3380

Esb 3, *Eimeria tenella*, fowls 2824

Escherichia coli

Entamoeba histolytica, mice, interactions 1325

Trichomonas vaginalis, interactions, in vitro 85

Esox lucius, Myxozoa 2597

Espintanol

Leishmania, in vitro 1577

Trypanosoma cruzi, in vitro 1577

Essential oils, *Entamoeba histolytica*, in vitro 5107

Ethidium (see homidium bromide)

Ethiopia

Entamoeba histolytica, man 2945

Giardia duodenalis, man 2945

Haematozoa, birds, checklists 4338

Leishmania aethiopica, *Phlebotomus pedifer* 1862, 5021

Plasmodium falciparum, man 3, 2946

Plasmodium vivax, man 2946

Trypanosoma, zebu 2058

Trypanosoma congolense, zebu, epidemiology 803

Trypanosoma evansi, camels 2584

Eudiplodinium maggii, growth, in vitro 3409

Eumeces fasciatus

Eimeria fasciatus, new species, USA 3936

Isospora scinci, new species, USA 3936

Eumeces schneideri, *Eimeria baltrocki*, new species, Egypt 1050

Euphysa, *Oodinium*, USA, new host records 2107

Euplokamis dunlapae

dinoflagellates, USA, new host records 2107

Oodinium, USA, new host records 2107

Europe

Plasmodium

man 2784

epidemiology 1649

Pneumocystis carinii, man 584

Sphaerospora renicola, *Cyprinus carpio*, epidemiology 2103

Theileria annulata, cattle, control 1918

Evolution

ciliates, ecology, reviews 4836

Giardia duodenalis 4832

host parasite relationships 2777, 3504, 3635

sexual selection 1483

Kinetoplastida 730

parasites, hosts, reviews 4392

pathogenicity 1755

Plasmodium 4834

man 604, 4396

Plasmodium falciparum 1760, 4833

drug resistance 1967

Plasmodium vivax, man, host parasite relationships 3950

protozoa 1483, 1759, 3951, 4067, 4832

reviews 4395

rumen protozoa 3065

Trypanosoma 3951

birds 602

Exchange transfusion

Plasmodium, man 2850

Plasmodium falciparum, man 2839, 5053

Excretory secretory products, Trypanosoma cruzi 127**Exoantigens**

Plasmodium 3960

Trypanosoma lewisi 4838

Experimental infection

Balantidium coli, dogs 3427

Caryospora bigenetica, mice 1309

Cryptosporidium parvum, mice 3005

Encephalitozoon cuniculi, *Cercopithecus aethiops* 480

Leishmania donovani, *Presbytis entellus* 4736

Pneumocystis carinii

immunocompromised hosts, rats

3053-3054

mice 3334

rats 3335

Toxoplasma gondii, mice 4326

Trypanosoma congolense, *Glossina* 4601

Trypanosoma cruzi, *Triatoma infestans* 4112

Experimental infections

Cryptosporidium muris

cattle 3432

mice 3432

Encephalitozoon cuniculi, rabbits 527

Giardia duodenalis, *Meriones unguiculatus* 528

Hepatozoon, *Anolis* 318

Leishmania donovani, *Presbytis entellus* 1686

Plasmodium cynomolgi, *Macaca mulatta* 1685

Plasmodium falciparum, *Aotus vociferans* 479

Sarcocystis capracanis, sheep 2976

Extrapulmonary infections, Pneumocystis carinii, human immunodeficiency virus, man 2625, 2830

Faeces, parasites 2481

Fansidar (see pyrimethamine sulfadoxine; Pyrimethamine sulfadoxine)

Fansimef (see Pyrimethamine sulfadoxine mefloquine)

Farmazin-200, *Babesia* 1960

Fatty acids

Acanthamoeba castellanii 3139

Giardia duodenalis 4504

Leishmania major, oxidation 724

Plasmodium berghei, mice 2426

Plasmodium falciparum, in vitro 2426

Toxoplasma gondii 1141

Felidae, Toxoplasma gondii, immunodiagnosis 3534**Feline immunodeficiency virus**

Toxoplasma gondii

cats 95

immunology 2168

Felis coryi, *Cytauxzoon felis*, USA 3668

Felis rufus, *Sarcocystis felis*, new species, USA 4819

Fenticonazole, *Trichomonas vaginalis*, man 3262, 5042

Ferrets

Cryptosporidium, reviews 562

Toxoplasma gondii 55

Fertility, Theileria parva 684**Fertilization**

Plasmodium falciparum 1060

Tyzzeria parvula 1752

Fever, Plasmodium 3189**Fibroblasts**

Eimeria tenella, host parasite relationships, in vitro 4993

Leishmania guyanensis 2739

Trypanosoma freitasi, host parasite relationships 4095

Fibronectins, Entamoeba histolytica 2723**Ficedula hypoleuca**

Haemoproteus bacillaris, new species, Lithuania 1748

Haemoproteus pallidus, new species, Lithuania 1748

Finland

Eimeria, reindeer 2971

Myxidium rhodei, *Rutilus rutilus* 1719

Myxobolus muelleri, *Rutilus rutilus* 1719

Myxobolus pseudodispar, *Rutilus rutilus* 1719

Neospora caninum, dogs, new geographic records 4757

Sarcocystis, cattle 1703

Fish farms

Ciliophora, *Cyprinus carpio*, Poland 3019

Goussia lomi, *Maccullochella peeli*, Australia 1718

Myxozoa, *Ictalurus punctatus*, USA, reviews 3887

parasites, Norway, control 2448

Petaloma epinephelis, marine fishes 2596

protozoa

marine fishes, Taiwan 3021

Salmo, Barents Sea 1509

Trichodina, Labridae 65

Fishes

Balantidium fuliginis, new species, China 3490

coccidia, reviews 3455

Cryptosporidium, reviews 563

Heneguya myositis, USA 3441

Myxobolus cerebralis 3904

Myxosporea, reviews 3451, 3455

Myxozoa, pathology 61

parasites, conferences 4709

protozoa 568

acclimatization, transmission, reviews 4597

control, reviews 3454

discussion 566

epidemiology 565

reviews 2095, 3455

Rhabdospora thelohanii 2102

Flabelliforma, keys 1345

Flabelliforma montana, new genus, new species, *Phlebotomus ariasi*, France 1345

Flavins

mice, pharmacokinetics 2413

pharmacokinetics 2413

Plasmodium vinckei, mice 2413

Flow cytometry, Pneumocystis carinii 2769, 4518**Floxacin, Plasmodium berghei, mice 3684****Fluconazole, Enterocytosoon bieneusi, human immunodeficiency virus, man 3468****Fluorescence microscopy**

Plasmodium 5140

Plasmodium falciparum 4675

Fluorescent dyes, Cryptosporidium 3652**5-Fluoro-orotate, Plasmodium yoelii 1194****Fluorouracil, Crithidia oncopelti, in vitro 4210****Foetingeria actinurum**

morphology 601

ultrastructure 601

Folic acid

Leishmania donovani 234

synthesis, *Plasmodium falciparum* 4514

Toxoplasma gondii, human immunodeficiency virus, man 577

Folinic acid

toxicity

pyrimethamine 4217

trimethoprim 4217

Foraging, parasites, host parasite relationships 3190**Formaldehyde, Ichthyophthirius multifiliis 349****Formycin B, Entamoeba histolytica 1241****Foscarnet, Pneumocystis carinii, human immunodeficiency virus, man 1327****Fowls**

amprolium 3275

Blastocystis galli, pathology 3118

clopidol nequinat 3275

coccidiostats 883

Germany, feeds 2435

Cryptosporidium

China 2602

diagnosis 3349

immune response 1797

Japan 3884

Korea Republic 3894

Morocco 1312

reviews 540

USA, general account 3252

Cryptosporidium baileyi, experimental infections 59

drug residues, nitrofurant 4232

Eimeria 1716

Brazil 60

control 839, 917, 4620, 5037

Fowls cont.*Eimeria* cont.

- drug therapy 348, 883, 1197, 1559-1560, 1562, 2366, 2386-2387, 2817, 2821, 3687, 3709, 4146, 5044
- immunity 4013
- immunity 4468
- nicarbazin 4013
- salinomycin 4013
- immunization 1819, 4468
- pathology 3125
- Poland 62
- prophylaxis 1958, 2818
- Salmonella typhimurium*, interactions 4356
- susceptibility, genetic variation 4885
- USA, general account 3252
- Yugoslavia 4335

Eimeria acervulina

- drug therapy 3710
- immune response 1390, 4409, 4862
- immunization 1105, 4409
- pathogenicity 3128
- pathology 1830

Eimeria brunetti, drug therapy 2857*Eimeria mitis*, drug therapy 2858*Eimeria necatrix*

- India 4914
- Newcastle disease virus vaccines, interactions 1356
- pathogenicity 4914

Eimeria tenella

- bacteria, interactions 3036
- diagnosis 1257
- drug therapy 346, 872, 2824, 4152, 4634
- immune response 643, 3982
- immunity 279, 1231, 4634
- immunization 1106, 1145, 3109
- immunodiagnosis 4868
- pathology 872
- prophylaxis 346, 4152
- resistance 2207

Haemoproteus, Nigeria 538

halofuginone, carcass composition 1229

Histomonas, USA, general account 3252*Histomonas meleagridis*, USA 4340*Leucocytozoon*, susceptibility 2588*Leucocytozoon caulleryi*

- immunization 4469
- life history
- merozoites 3764
- schizonts 3764
- resistance 4454

monensin 2385

carcass composition 1229

Plasmodium, Nigeria 538*Plasmodium gallinaceum*

- infectivity 4888
- transmission 1911

Plasmodium juxtanucleare, Brazil, epidemiology 824

protozoa, India 3449

salinomycin 3275

- carcass composition 1229

toltrazuril

- Eimeria acervulina* 2818
- Eimeria maxima* 2818
- Eimeria necatrix* 2818
- Eimeria tenella* 2818

toxicity

- chloroquine 5100
- diclazuril 1231
- halofuginone 3321-3322
- ionophores 2896
- monensin 388-389, 2439, 3317, 3319
- treatment, selenium 903
- narasin 2438
- nicarbazin 1230, 2438
- quinacrine 5100
- robenidine 1559
- tiamulin 388-389, 3317

Toxoplasma gondii

- Brazil 2591
- China, epidemiology 2309
- Yugoslavia 2590

Trichomonas, USA, general account 3252**Foxes (see also named genera)***Isospora*

- Denmark 2577

Foxes cont.*Isospora* cont.

- Germany 1009
- parasites, reviews 4759

France*Acanthamoeba*, man 4788*Babesia canis*

- dogs 1308
- epidemiology 2445

Babesia divergens, cattle, general account 2571*Besnoitia*, cattle, general account 2570*Cryptosporidium*

- human immunodeficiency virus
- cytomegalovirus, man 2630
- man 2631, 4804
- man 4725

Dermacentor reticulatus 2445drug therapy, *Leishmania*, man 1957*Eimeria**Alectoris graeca saxatilis* 1311*Lagopus mutus* 1311*Tetrao tetrix* 1311*Eimeria bovis*, cattle 4181*Eimeria ninakohlyakimovae*, goats, epidemiology 308*Enterocytozoon bienersi*, human immunodeficiency virus, man 1678, 3465, 3468, 3923*Flabelliforma montana*, new genus, new species, *Phlebotomus ariasi* 1345*Giardia duodenalis*, man, epidemiology 3207*Haemoproteus tarentolae*, *Tarentola mauritanica*, redescrptions 2654*Hepatozoon canis*

- dogs 1014
- Ehrlichia canis*, dogs 3458

Isospora belli

- Cryptosporidium*, human immunodeficiency virus, man 2629
- human immunodeficiency virus, man 4804

Leishmania

- human immunodeficiency virus, man 3926, 4804
- man 2044

Leishmania donovani

- human immunodeficiency virus, man, epidemiology 2795
- man, epidemiology 2795

Leishmania infantum infantum

- dogs 52, 1013
- human immunodeficiency virus, man 3471, 3934
- man 132
- molecular karyotypes 2667

Leishmania major, man 3826*Naegleria*, fresh water, epidemiology 3208*Plasmodium*

- man 2534
- military personnel 2937

Plasmodium falciparum, man 359, 1676, 1795, 2401, 3249, 3818-3819, 4730*Plasmodium vivax*, man 2533, 4382*Pneumocystis carinii*

- human immunodeficiency virus, man 2143, 3471, 3480, 3816, 3925, 4802, 4804
- immunocompromised hosts, man 2143, 2623
- man 3397

protozoa, man 3817

*Sphaerospora elegans**Gasterosteus aculeatus* 3949*Pungitius pungitius* 3949*Toxoplasma gondii*

- human immunodeficiency virus
- man 1745, 3470, 3528, 3925-3927, 4804
- reviews 4803
- man 1665-1666, 2536, 2917, 3833, 3992

Trypanosoma pestanae, *Meles meles* 1482*Urospora neapolitana*, *Echinocardium cordatum* 4782**Free living amoebae**

culture techniques 2905

Legionella pneumophila, interactions, reviews 3035**Free living amoebae cont.**

- man, South Africa 2549
- techniques

preservation 2905

staining 2905

Free living protozoa, sexual behaviour 2272**Free radicals, *Plasmodium falciparum*** 4226**Freezing, *Toxoplasma gondii*, pigmeat** 3180**French Guiana***Leishmania*, man, losses 2125*Phytomonas*, coconuts 1033*Plasmodium*, man 2534*Plasmodium falciparum*, man 1677**French Polynesia, *Entamoeba histolytica***, man 2557, 3837-3838*Frenkelia microti*

- Pitymys ochrogaster*, experimental infections 4826

ultrastructure, developmental stages 4826

Fresh water

- Microspora, *Oncorhynchus tshawytscha*, new records 553

Naegleria, France, epidemiology 3208**Freshwater fishes***Hemirichodina*, Namibia 3943

parasites

Brazil 3016

USSR 3017

Trichodina, Namibia 3943*Fringilla coelebs*, *Haemoproteus fringillae*, pathogenicity 2742**Fumagillin**

- Myxobolus cerebrales*, rainbow trout 1548

- Myxobolus cerebrales*, rainbow trout 2388

Nosema apis 347**Furazolidone**

determination 378

drug metabolism 904-905

drug residues

pigmeat 394

turkeys, eggs 397

Giardia duodenalis, in vitro 1591*Ichthyophthirius multifiliis* 349

marine sediments, pollution 1232

toxicity

cattle 395

turkeys 397

Fusarium oxysporum, *Acanthamoeba castellanii*, soil 5147**Gabon***Entamoeba histolytica*, man 3382*Giardia duodenalis*, man 3382*Gorilophilus thoracatus*, new genus, new species, gorillas 2660*Plasmodium falciparum*

man 640, 2542, 2836, 3267, 3391

sickle cell anaemia, man 3835

Plasmodium vivax, man 1885, 4382*Prototapirella gorillae*, new species, gorillas 2660*Troglodytella gabonensis*, new species, gorillas 2660*Trypanosoma*

cattle 498

n'dama, trypanotolerance 1404

trypanotolerance, n'dama 2208

Gadus morhua, Goussia, Canada 548**Galapagos Islands, *Eimeria palumbi***, new species, *Zenaida galapagoensis* 1338*Galictis cuja*, *Trypanosoma cruzi*, Argentina 4595*Galleria mellonella*, *Vairimorpha anthracis*, experimental infection 3023**Gallopamil**, drug resistance, chloroquine 4186*Gallotia simonyi*, *Sarcocystis simonyi*, new species, Canary Islands 2653**Gambia***Plasmodium*

- acute lower respiratory infections, man 1280

Anopheles gambiae, transmission 5025

man 1810

control 4685

epidemiology 5025

mortality 12

Plasmodium falciparum

man 1423, 3093, 3515, 3955, 4038

Gambia cont.

Plasmodium falciparum cont.
man cont.

mortality 2559
natural selection 3544
prophylaxis 1549
resistance 3544

Trypanosoma

cattle, epidemiology 2307
Glossina 2283
n'dama 2358
epidemiology 794
zebu 2358

Trypanosoma congolense

cattle 2565
Haemonchus contortus, n'dama, interactions 4786

n'dama, maternal antibodies 3516

Trypanosoma simiae

Glossina morsitans, new geographic records 831

Phacochoerus aethiopicus 2965

Trypanosoma vivax, n'dama, maternal antibodies 3516

trypanotolerance, n'dama 2358

Game animals, protozoa, Czechoslovakia 1724**Gamebirds, coccidia, drug therapy 1925****Gametocytes, *Plasmodium* 446****Gametogenesis**

Haemogregarina balli 944
Plasmodium falciparum 1060

Gamma radiation

Leishmania donovani 670
Toxoplasma gondii, infectivity 3184

Gammarus duebeni, Microspora, transmission 829**Ganciclovir**

Pneumocystis carinii, human immunodeficiency virus, man 1327
toxicity, man 1327

Gasterosteus aculeatus

Glugea anomala, UK 2163
Goussia gasterostei, UK 2163
Myxobolus gasterostei, UK 2163
Sphaerospora elegans
France 3949
UK 2163

Gazella gazella, Eimeria idmii, new species, Saudi Arabia 2154**Gazella subgutturosa, Eimeria rheemi, new species, Saudi Arabia 4818****Geese**

Blastocystis anseri, new species, USSR 4376
Cochlosoma anatis, Czechoslovakia, new host records 2090
Cryptosporidium, Czechoslovakia 58
Eimeria, Yugoslavia 4335
Haemoproteus, Nigeria 538
Plasmodium, Nigeria 538
Tetratrichomonas gallinarum, pathogenicity 3571
Trichomonas anseris, Poland, new geographic records 2594

Gehyra australis, Haemoproteus gehyae, new species, Australia 2654**Gene amplification, Leishmania donovani 4077****Gene exchange, Leishmania major 1453****Gene expression**

Eimeria maxima 3609
Leishmania enriettii 4078
Leishmania major, metacyclic promastigotes 4544
Plasmodium knowlesi, circumsporozoite protein 4536
Trypanosoma brucei 1151, 4543, 4946
Trypanosoma cruzi 3172, 4973
Trypanosoma gambiense 4964

Gene mapping

Plasmodium falciparum 3612-3613
Toxoplasma gondii 3611

Gene splicing

Trypanosoma 1459
Trypanosoma brucei 1154, 1460
Trypanosomatidae 2604

Gene transfer

Leishmania major 4968
Trypanosoma brucei 4968

General account

antiprotozoal agents 1984
Trypanosoma cruzi, man 1428

Genes

aldolase, *Plasmodium berghei* 4080
antigens
Plasmodium falciparum 3612
Plasmodium vivax 4953
Theileria parva 3598
Trypanosoma cruzi 4954
calcium binding proteins, *Entamoeba histolytica* 4083
cell division, *Giardia duodenalis* 4959
circumsporozoite protein, *Plasmodium vivax* 4079
Cryptosporidium parvum, sporozoites 3626
cysteine protease
Entamoeba histolytica 4950
Theileria annulata 4949
cysteine proteinase, *Plasmodium falciparum* 3604
cytochromes, *Plasmodium falciparum* 4085
drug resistance
chloroquine 350-351
Giardia duodenalis 4959
Leishmania donovani 4077
Entamoeba histolytica, transcription 2767
Giardia duodenalis 3071, 3176, 4547
glycogen phosphorylase, *Babesia bovis* 4545
glycoproteins, *Leishmania guyanensis* 4084
heat shock proteins, *Trypanosoma cruzi* 3605
hexose transporter, *Trypanosoma brucei* 4082
histone, *Plasmodium falciparum* 4951
hypoxanthine-guanine phosphoribosyl transferase, *Plasmodium falciparum* 4952
Leishmania 254
Leishmania amazonensis 1874, 4958
Leishmania donovani
nucleic acids, cloning 4535
ornithine decarboxylase 3173
Leishmania major 1874
Leishmania tarentolae 2760
merozoite surface protein, *Plasmodium yoelii* 4546
merozoites surface protein, *Plasmodium vivax* 4953
mitochondria, *Trypanosoma brucei* 4543
Plasmodium berghei 1794
Plasmodium falciparum 255, 272, 1465, 2772-2773, 2775, 3622, 4071, 4534, 4969
antigens 2753
Plasmodium reichenowi, antigens 2765
Plasmodium vivax, antigens 2764
procyclin, *Trypanosoma brucei* 4087
proteins, *Trypanosoma brucei* 4075
reticulocyte binding proteins, *Plasmodium vivax* 4086
rhoptry protein, *Plasmodium falciparum* 3615
ribosomal protein, *Leishmania* 4088
ribosomal RNA
Babesia 4976
Entamoeba histolytica 4947
Leishmania 3603
Trichomonas foetus 4081
Trypanosoma brucei 4087
RNA, *Trypanosoma cruzi* 3617
Theileria annulata 256
Toxoplasma gondii, nomenclature 1861
transfer RNA, *Trypanosoma brucei* 3627
Trypanosoma brucei 2268-2269, 2273, 3619, 3621
variant surface glycoproteins 3168
Trypanosoma cruzi 744, 2763, 3175, 4971
sialidase 3623
tubulin 3172
Trypanosoma vivax 4069
variant-specific surface proteins, *Giardia duodenalis* 3608
variant surface glycoproteins, *Trypanosoma brucei* 4087

Genetic differences, Plasmodium falciparum 259**Genetic exchange, Trypanosoma brucei 1355****Genetic markers**

trypanotolerance
cattle 2287
zebu 2287

Genetic polymorphism

Naegleria fowleri 4955-4956
Plasmodium falciparum 1462-1463
Trypanosoma
cattle

resistance 2209
susceptibility 2209
n'dama
resistance 2209
susceptibility 2209
zebu
resistance 2209
susceptibility 2209

Genetic regulation, Leishmania, macrophages 1387**Genetic variation**

Eimeria, fowls, susceptibility 4885
Giardia duodenalis 2289
Plasmodium berghei 2165
Plasmodium falciparum 1757, 1880, 5159
Trypanosoma congolense 2458
Trypanosoma cruzi 2290

Genetics

Plasmodium falciparum 1863, 4831
trypanotolerance 665

Genomes, Plasmodium 743, 4398**Gentian violet**

mode of action 5103
Trypanosoma cruzi, in vitro, mode of action 5103

Geographical distribution

Apicomplexa
Thunnus alalunga
New Zealand 4775
Southwest Pacific 4775
parasites, man 987

Gerbils (laboratory) (see Meriones unguiculatus)**Germany**

Acanthamoeba, water 3768
Acanthamoeba lugdunensis, man 1156
Babesia, dogs 51
Babesia irvinesmithi, *Hippotragus niger*, zoological gardens 2730
Blastocystis hominis, man 432
Chloromyxum barbi, carp, epidemiology 3439
coccidiostats, fowls, feeds 2435
Cryptosporidium
human immunodeficiency virus, man 90, 4366
man 4726
Dientamoeba fragilis, man 3801
Eimeria
goats 43
sheep 43
Entamoeba coli, man 3801
Entamoeba histolytica
human immunodeficiency virus, man 3179
man 24
Enterocytozoon bienersi, human immunodeficiency virus, man 2619
Giardia duodenalis, man 3801
Goussia subepithelialis, *Cyprinus carpio* 1751
Isospora, foxes 1009
Leishmania, dogs 2992
Leishmania donovani, human immunodeficiency virus, man 3935
Naegleria, water 3768
Plasmodium, man 3313
Plasmodium falciparum, man 967, 1276, 3257
Pneumocystis carinii
human immunodeficiency virus, man 1193, 2620
rheumatoid arthritis, man 2618
protozoa
Cyprinus carpio 2101
livestock, history 3771
man, history 3771

Germany cont.

protozoa cont.

wild animals, history 3771

Sarcocystis capreolicanis, man 1673*Sphaerospora truttae**Salmo trutta*, new geographic records 4343*Thymallus thymallus*

new geographic records 4343

new host records 4343

Toxoplasma gondii

goats, zoonoses 2342

human immunodeficiency virus, man

577, 3466

man 5130

Martes 2993

sheep, zoonoses 2342

*Trypanosoma (Megatrypanum), Cervus**elaphus*, epidemiology 1185**Ghana***Chilomastix mesnili*, man 5011*Entamoeba histolytica*, man 5011*Giardia duodenalis*

man 5011-5012

diarrhoea 1278

Glossina 828*Plasmodium falciparum*, man 966, 2030, 2364, 3093*Plasmodium ovale*, man 2523

reports, Noguchi Memorial Institute for Medical Research 5149

Trypanosoma, cattle, epidemiology 828**Giardia***Capromys pilorides*, Cuba 3879

cats 525-526, 3418

zoonoses 1532

cattle

Czechoslovakia 1297

USSR 1297

chemotaxonomy 4981

detection, polymerase chain reaction 2462

dogs 525-526, 3418

treatment 873

USA 3875

zoonoses 1532

drinking water, Puerto Rico 4118

evolution 1759

horses, reviews 3407

human immunodeficiency virus, man 1329

man 2609

diagnosis, reviews 4253

diarrhoea 972

drug therapy 2379, 4165

France 3817

general account 2961

immune response 1796

immunodiagnosis, reviews 4253

Japan 980

pathogenesis 1796

reviews 4350

UK, epidemiology 3206

USA, epidemiology 3205

Meriones unguiculatus, infectivity 1402

nomenclature 97

sewage, Puerto Rico 4118

Sigmodon hispidus, USA, new host records 4328

techniques

cryopreservation 1402

detection, water 3206

water

epidemiology 3368

Puerto Rico 4118

Giardia canis, dogs, Austria 1010**Giardia duodenalis**

amino acids 3593

antigens 616, 1433, 1620, 2204, 3608

antiprotozoal agents, *in vitro* 1591

arginine, catabolism 3574

arthritis, man, interactions 3457

azithromycin, *in vitro* 1939berberine sulfate, *in vitro*, mode of action 1587*Blastocystis hominis*, man, mixed infections 2942

cats, New Zealand 49

cattle

immunodiagnosis 648

immunohistochemistry 648

Giardia duodenalis cont.

chemotaxonomy 277, 3630, 4975

Australia 2289

chinchilla

immunodiagnosis 648

immunohistochemistry 648

chlorine, *in vitro* 889

chromosomes 4959

cloning 922, 3519

control 4859

culture techniques 922, 1617, 4672

encystment, *in vitro* 3328

cytochemistry, trophozoites 1056

cytokines, *in vitro* 3983

DNA 1464, 4959

dogs, New Zealand 49

double stranded RNA virus 1041

drug resistance, metronidazole 4176

enzymes 2746, 4512, 4936

evolution 4832

fatty acids 4504

genes 3071, 3176, 4547

giardins 1867

growth

in vitro 2754

strain differences 3182

host parasite relationships

in vitro 1485

milk 1813

trophozoites 1168

HTLV-I, interactions 2127

human immunodeficiency virus

interactions, *in vitro* 574

man

developing countries, reviews

4360

Italy 2138

USA 2129, 2643

identification 1620

immune response 4859

intestinal microorganisms, man, interactions 3907

lectins 752

macrophages, *in vitro* 3983

man 8

Australia 475, 3376

Bahrain 35

Bangladesh 964

Brazil 4294

epidemiology 989, 2304-2305

malnutrition 989

Canada, epidemiology 306

China 4724

Czechoslovakia 2039

diagnosis 431, 4476

scanning electron microscopy

4681

diarrhoea 971, 3772, 3843, 4299

reviews 80

drug therapy 2856, 2945, 3255, 4176, 5066

reviews 1944

epidemiology, reviews 2797

experimental infections 616

France, epidemiology 3207

Gabon 3382

general account 3027, 3905

Germany 3801

Ghana 5011-5012

diarrhoea 1278

immune response 115, 3086, 3980

immunity 3545

immunization 1274

immunodiagnosis 164, 649, 2197

faeces 2204

immunological deficiency 4035

immunology 3901

reviews 4400

India 1664, 4724, 4731

epidemiology 2794, 4998

Israel 2945, 4835, 5066

Jamaica 2127

epidemiology 477

Japan 472

Jordan 4722

Kenya 14, 22, 1275, 2909

Malaysia 16

epidemiology 1495

Mexico 4724

epidemiology 307, 800

Myanmar 4724

Giardia duodenalis cont.

man cont.

New Zealand, epidemiology 305, 2312-2313, 2798, 2807

Niger 1279

Pakistan 4724

pathogenesis 3901

reviews 217, 2797

pathogenicity 4835

pathology 1664, 1829, 3560, 4476

reviews 2122, 3395

Saudi Arabia 1281

Spain 3457

Sudan, epidemiology 2332

Thailand 1115, 3803

epidemiology 1901

transmission

mathematical models 416

nosocomial infections 4352

Tunisia 3812

Turkey 2509, 3792

UK, epidemiology 2789

USA 431, 804, 2034, 2114, 2328, 2547

control 4179, 4668

epidemiology 416, 799, 3229

Whipple's disease 3843

Meriones unguiculatus

experimental infections 528

infectivity 3519

physiopathology 4904

metabolism, *in vitro* 4935

mice

drug therapy 1939

experimental infection 2582

host parasite relationships 781

immune response 621, 1372

immunization 4894

New Zealand 3877

pathogenesis 3569

pathogenicity 1433

pathology, experimental infections

4477

nucleosides 4511, 4933

nucleotide sequences 1464, 1466, 3176, 4547

pathogenesis, *in vitro* 717pentamidine analogues, *in vitro*, mode of

action 385

phospholipids 4504

protein transport 731

proteins 1848, 4547

rats, New Zealand 3877

Rattus norvegicus, Egypt 4762*Rattus rattus*, Egypt 4762

resistance, milk 1813

sewage, USA 3229

sheep, New Zealand 2807

surface antigens 1848, 3071, 4853

Switzerland, chemotaxonomy 2289

techniques

concentration, ova, faeces 1622

detection, DNA probes, water 4237

excystation 1617

staining 4681

tetracyclines, *in vitro* 3293*Trichosurus vulpecula*, New Zealand

3877

ultrastructure 4378

trophozoites 1056, 3946, 4379

ventral discs 3492

viruses 742

interactions, reviews 3034

water

Canada, transmission 306

health, reviews 82

immunodiagnosis 889

Whipple's disease, man 4035

Giardia lamblia (see *Giardia duodenalis*)**Giardia muris**

amino acids 3589

carbohydrates 3589

IgA, *in vitro* 4424IgG, *in vitro* 4424IgM, *in vitro* 4424

mice 1021

experimental infections 4243

immune response 4424

infectivity 4760, 5119

pathogenicity 4493

resistance 4493

- Giardia muris** *cont.*
ozone 5119
rats
immune response 4484
pathology 4484
techniques
staining
fluorogenic dyes, cysts 4243
propidium iodide, cysts 4242
ultrastructure 4378
viability 4242-4243
water, control 4760, 5120
- Giardins**, *Giardia duodenalis* 1867
- Gibberellic acid**, *Plasmodium falciparum* 1999
- Gigantodax**, *Ringueletium pillosa*, new genus, new species, Argentina 3485
- Gigantodax chilense**, *Sphaerospora andinae*, new genus, new species, Argentina 3484
- Gigantodax rufidulum**, *Sphaerospora andinae*, new genus, new species, Argentina 3484
- Giraffa camelopardalis angolensis**, *Cytauxzoon*, Namibia 2975
- Global prevalence**, *Leishmania*, man 4589
- Globulins**, *Trypanosoma cruzi* 4002
- Glomerulonephritis**, *Leishmania infantum infantum* 704
- Glomerulopathy**
Plasmodium falciparum, man 4908
Plasmodium malariae, man 4908
- Glossina**
control 907
Equatorial Guinea, control 5036
Ghana 828
Kenya
control 2442
history 1180
reports 4279-4282
Togo 784, 951
Trypanosoma
Africa 834
Côte d'Ivoire 767
host parasite relationships 2331
Liberia 767
Zaire, transmission 2335
Trypanosoma congolense, experimental infection 4601
Trypanosoma gambiense, susceptibility 2323
Zimbabwe, control 1604
- Glossina austeni**
control 2055
Trypanosoma congolense, infectivity 810
- Glossina brevipalpis**, *Trypanosoma simiae*, Kenya 831
- Glossina fuscipes**
Trypanosoma gambiense, Central African Republic, transmission 5018
Uganda, control 1609
Zaire 2059
- Glossina morsitans**
Cameroon, control 2444
Trypanosoma
mixed infections 5017
resistance 1904
Trypanosoma brucei
development 1633
variant surface glycoproteins 1443
Zambia 765
Trypanosoma congolense
infectivity 810
mathematical models 1517
transmission 819
Trypanosoma simiae
Gambia, new geographic records 831
Nigeria 831
Trypanosoma (*Trypanozoon*), Zambia, epidemiology 5006
- Glossina morsitans morsitans**
man, Zambia, knowledge level 3645
Trypanosoma brucei, host parasite relationships, *in vitro* 4994
- Glossina morsitans submorsitans**, *Trypanosoma*, Gambia 2283
- Glossina pallidipes**
control 2055
Kenya, control 3324
Trypanosoma simiae, Kenya 831
- Glossina pallidipes** *cont.*
Trypanosoma (*Trypanozoon*), Zambia, epidemiology 5006
- Glossina palpalis**
Congo, control 2443, 2446
Togo, control 399, 906
Trypanosoma
Congo 809
transmission 4125
Nigeria 514
transmission 832
Trypanosoma congolense, Congo 2326
Trypanosoma gambiense, Central African Republic, transmission 5018
- Glossina palpalis gambiense**, *Trypanosoma*, Gambia 2283
- Glossina tabaniformis**, Zaire 2059
- Glossina tachinoides**
Cameroon, control 2444
Togo, control 399, 906
Trypanosoma, Nigeria 514, 3194
- Glucantime** (*see* meglumine antimonate)
- Glucose-6-phosphate dehydrogenase**
deficiency
man
antimalarials, toxicity 4215
primaquine, toxicity 4215
pyrimethamine sulfadoxine, toxicity 4215
Saudi Arabia 4306
Plasmodium falciparum, man, India 3650
Plasmodium vivax, man, India 3650
- Glugea anomala**
Carasobarbus luteus, Iraq, new geographic records 551
Gasterosteus aculeatus, UK 2163
- Glycoconjugates**, *Entamoeba histolytica* 1852
- Glycogen**, *Sarcocystis muris* 4064
- Glycolipids**
Plasmodium falciparum 152
Pneumocystis carinii 4841
Toxoplasma gondii 4521
Trypanosoma brucei 221, 3584-3585
- Glycophospholipids**
Leishmania braziliensis 1857
Leishmania donovani 1857
Leishmania mexicana 1857
Trypanosoma brucei 4919
Trypanosoma cruzi 1857
Trypanosoma rangeli 1857
- Glycophosphosphingolipids**, *Leishmania donovani* 3509
- Glycoproteins**
Cryptosporidium parvum 146
Leishmania 254
Leishmania amazonensis 233
Leishmania braziliensis 1870
Leishmania donovani 4962
Leishmania guyanensis 4084
Leishmania major 2397, 4065
Plasmodium falciparum 285, 1775, 4053
Pneumocystis carinii 1780, 3089
Sauroleishmania tarentolae 2397
Trypanosoma brucei 1856
Trypanosoma cruzi 264, 572, 1137, 3148, 3161, 4963
- Glycosides**, *Leishmania donovani*, *in vitro* 1922
- Glycosomes**, Kinetoplastida 730
- Glycosphingolipids**
monensin, *in vitro* 891
Trypanosoma cruzi 3578
- Glycosylphosphatidylinositol**
Leishmania mexicana 4934
Trypanosoma brucei 3579
Trypanosoma cruzi 3148
- Goats**
Babesia ovis, drug therapy 862
coccidia
Botswana 1007
Mozambique 3869
oocysts, sampling 995
Taiwan 3865
Cryptosporidium 1692
Canada 4753
reviews 485
Romania 1294
diminazene 2393
Eimeria 1692
Brazil 3856
- Goats** *cont.*
Eimeria *cont.*
China 42
drug therapy 2859
Germany 43
immunosuppression 4471
India 502, 4754
Kenya 1005, 4314, 4317
Oman 3026
Romania 1294
Spain, epidemiology 1898
Trichostrongylidae, haematology 1301
Zimbabwe, new geographic records 39
- Eimeria* *ninakohlyakimovae*
France, epidemiology 308
oocysts, sampling 995
- Epidinium* 3400
isometamidium 2393
Leishmania, Kenya 2564
Neospora caninum
transplacental transmission 4740
USA 4740
- protozoa
Brazil, reviews 1318
India 3449
Poland 2572
rumen protozoa 2072, 3400
metabolism 3408
monensin 2981
- Sarcocystis*
Australia, mortality 4752
experimental infections 1003
India 3405, 3864
Mozambique 3869
pathology 2235
Sarcocystis capracanis 2976
experimental infections 3860
Nigeria 1701
transmission 5014
Sarcocystis hircicanis, India, new geographic records 4383
- Theileria hirci*
India, new geographic records 1688
Saudi Arabia, new geographic records 3401
- Theileria ovis*
Saudi Arabia, new geographic records 3401
Senegal 481, 2052
- Toxoplasma gondii*
abortion 212, 4499
Germany, zoonoses 2342
immunodiagnosis 1084
Mozambique 3869
New Zealand 1084
pathology 4911
Sri Lanka 3854
transmission 1184
- Trypanosoma*
prophylaxis 2356
resistance 4458
Togo 493, 496
Trypanosoma brucei, pathology 2233
Trypanosoma congolense
Cameroon 1687
pathology 709
Senegal 2052
Trypanosoma evansi, pathology 207
Trypanosoma gambiense
Congo 1093
immunodiagnosis 1093
Trypanosoma rhodesiense, immunity 2080
Trypanosoma vivax
Congo, epidemiology 809
immunity 663
pathology 202, 2233, 4480
Senegal 481, 2052
- Goldfish**
Trypanosoma danilewskyi
haematology 2743
pathology 2727
- Gonadectomy**, *Trypanosoma evansi*, mice 669
- Gorillas**
Balantidium coli 2561
Gorillophilus thoracatus, new genus, new species, Gabon 2660
Prototapirella gorillae, new species, Gabon 2660

- Gorillas** *cont.*
Troglodyella gabonensis, new species, Gabon 2660
- Gorillophilus thoracatus**, new genus, new species, gorillas, Gabon 2660
- Gossypol**
 mice, pharmacokinetics 3733
 pharmacokinetics 3733
 toxicity, mice 2423
- Goussia**
Gadus morhua, Canada 548
Theragra chalcogramma, USA 2598
- Goussia carpelli**, ultrastructure, sporozoites 1349
- Goussia clupearum**
Alosa pseudoharengus, Canada 548
Clupea harengus, Canada 548
Merluccius bilinearis, Canada 548
Scomber scombrus, Canada 548
- Goussia gadi**, *Melanogrammus aeglefinus*, Canada 548
- Goussia gasterostei**, *Gasterosteus aculeatus*, UK 2163
- Goussia janae**, new species, *Leuciscus leuciscus*, Czechoslovakia 591
- Goussia lomi**, *Maccullochella peeli*, Australia, fish farms 1718
- Goussia subepithelialis**
Cyprinus carpio
 Czechoslovakia 1751
 Germany 1751
 ultrastructure 1751
 sporozoites 1349
- Granulocytes**
Entamoeba histolytica, host parasite relationships 4996
Trypanosoma cruzi, host parasite relationships 4579
- Granuloma**, *Plasmodium berghei* 190
- Grasshoppers**, protozoa, biological control 3448
- Greece**
Balantidium coli, man 977
Dermocystidium anguilla, *Anguilla* 3020
Hepatozoon canis
Babesia, dogs 1306
 dogs 1306
Toxoplasma gondii, cattle 4746
- Gregarina**, ultrastructure, septate cell junction 598
- Gregarina coronata**, new species, *Diabrotica undecimpunctata howardi* 4370
- Gregarina cuneata**, *Tenebrio molitor*, host parasite relationships 4584
- Gregarina muniti**
Antarctonesiotes elongatus
 Marion Island
 new geographic records 3892
 new host records 3892
- Bothrometopus randi*
 Marion Island
 new geographic records 3892
 new host records 3892
- Dusmoecetes marioni*
 Marion Island
 new geographic records 3892
 new host records 3892
- Mesembriorhynchus brevis parvulus*
 Marion Island
 new geographic records 3892
 new host records 3892
- Palirhoeus eatoni*
 Marion Island
 new geographic records 3892
 new host records 3892
- Gregarina niphandrodes**, new species, *Tenebrio molitor*, USA 2153
- Gregarina polymorpha**, *Tenebrio molitor*, host parasite relationships 4584
- Gregarina steini**, *Tenebrio molitor*, host parasite relationships 4584
- Gregarina niphandrodes**, *Tenebrio molitor*, host parasite relationships 4584
- Griseofulvin**, *Ichthyophthirius multifiliis* 349
- Growth**
Entamoeba histolytica, in vitro 2754
Giardia duodenalis
 in vitro 2754
 strain differences 3182
Leishmania donovani, in vitro 2754
Pneumocystis carinii, in vitro 2754
- Growth** *cont.*
Trichomonas vaginalis, in vitro 2754
- Growth factors**, *Trypanosoma brucei* 242
- Growth inhibitors**, *Trypanosoma gambiense* 920
- Growth promoters**, *Plasmodium falciparum* 1999
- Growth retardation**, *Sarcocystis miescheriana*, pigs 3130
- Guadeloupe**, *Plasmodium falciparum*, man 1676
- Guatemala**
Leishmania braziliensis
Lutzomyia ovallesi 3665
 man, epidemiology 3665
- Plasmodium*
 man
 beliefs 3672
 control 4235-4236
- Guillain-Barré syndrome**, *Leishmania donovani*, man 2525
- Guinea-Bissau**
Leishmania, human immunodeficiency virus, man 2134
Plasmodium falciparum, man 1205
- Guineafowls**
 coccidia, Cuba 3437
Haemoproteus, Nigeria 538
Plasmodium, Nigeria 538
 protozoa, Czechoslovakia 1029
- Guineapigs** (see named genera for infections in the wild)
Cryptosporidium 529
Entamoeba histolytica
 disease models 3430
 pathology 3122
Plasmodium falciparum, immunization 4896
 toxicity, chloroquine 5099
Toxoplasma, transmission 3426
Toxoplasma gondii
 passive immunization 4463
 UK 1022
Trypanosoma brucei, pathology 4482
Trypanosoma equiperdum, pathogenicity 3568
Trypanosoma evansi
 haematology 2745
 immune response, foot and mouth disease virus 3987
 immunodiagnosis 3532
 immunological deficiency 3987
- Guyana**
Eimeria guyanensis, new species, *Ameiva ameiva* 1050
Trypanosoma cruzi, achalasia, man 4787
- Haem**, *Plasmodium yoelii nigeriensis* 1116
- Haemagglutination tests**
Entamoeba histolytica, man 3098
Leishmania donovani 4871
Toxoplasma gondii 1397, 2205, 2507, 2702-2703, 3534, 4442, 4865
Trypanosoma cruzi 1806
- Haemaphysalis bispinosa**, *Theileria*, Malaysia, transmission 3221
- Haemaphysalis longicornis**
Babesia gibsoni, development 3353, 3356
Theileria sergenti, Japan 1519
- Haematology**
Babesia, cattle 1959
Babesia canis, dogs 220, 3124
Babesia equi, horses, experimental infections 4502
Cryptosporidium, immunocompromised hosts, rats 1065
Eimeria, Trichostrongylidae, goats 1301
Entamoeba histolytica
 guineapigs 3122
 rabbits 3122
Leishmania donovani
 hamsters 4501
 man 3557
Presbytis entellus 1686
 parasites, sheep 723
Plasmodium 3758
 man 721, 1136, 3380, 3527
Plasmodium berghei, mice 1435
Plasmodium falciparum
 children 3821
 man 1135, 1196, 2744
- Haematology** *cont.*
Plasmodium vivax, *Sanguinivius geoffroyi* 1436
Sarcocystis miescheriana, pigs 722
Theileria, cattle 1959, 3221
Theileria sergenti, cattle 3135, 4312
Toxoplasma gondii, cats 1437
Trypanosoma, n'dama 708
Trypanosoma brucei
 cattle 491
 pigs 4500
 sheep 491
Trypanosoma congolense
 boran 664
 cattle 491
 n'dama 664
 sheep 491
Trypanosoma danilewskyi, goldfish 2743
Trypanosoma evansi
 guineapigs 2745
 horses 2745
Trypanosoma gambiense, rabbits 1841
Trypanosoma vivax
 cattle 491, 2251, 4319
 sheep 491
 zebu 4319
- Haematozoa**, birds, Canada, checklists 4276
- Haematracidium omogoi**
 new species
 Agama agama, Kenya 1340
 Mabuya striata, Kenya 1340
- Haemin**, qinghaosu 1589
- Haemoglobin**, *Plasmodium falciparum* 1441
- Haemogregarina**
Litoria caerulea, Australia 64
 ultrastructure 4380
- Haemogregarina balli**, *Placobdella ornata*, life history 944
- Haemonchus contortus**, *Trypanosoma congolense*, n'dama, Gambia, interactions 4786
- Haemopoiesis**
Plasmodium berghei 2243
Plasmodium yoelii 2243
Trypanosoma vivax, cattle 2251
- Haemoproteus**
 birds
 Ethiopia, checklists 4338
 India 2091
 South Africa, epidemiology 3436
 Columbiformes, USSR 2655
 Coraciiformes, USSR 2655
Oplurus quadrimaculatus, Madagascar 2654
 poultry 1714
 Nigeria 538
- Haemoproteus bacillaris**, new species, *Muscicapa striata*, Lithuania 1748
- Haemoproteus columbae**, morphology, gametocytes 2655
- Haemoproteus coraciae**, morphology, gametocytes 2655
- Haemoproteus dicaeus**, new species, *Priocnchilus percussus*, Malaysia 98
- Haemoproteus dolniti**, new species, *Coelebs fringilla*, Lithuania 3939
- Haemoproteus edomensis**, new species, Agama stellio, Jordan 2654
- Haemoproteus fringillae**, *Fringilla coelebs*, pathogenicity 2742
- Haemoproteus gavrilo**, new species, *Merops apiaster*, USSR 2655
- Haemoproteus gehyae**, new species, *Gehyra australis*, Australia 2654
- Haemoproteus greineri**, Anatidae, Canada 4339
- Haemoproteus hachmasensis**, new species, *Coracias garrulus*, USSR 4372
- Haemoproteus krylovi**, morphology, gametocytes 2655
- Haemoproteus mackerrasi**, new species, *Heteronotia binoei*, Australia 2654
- Haemoproteus magnus**, new species, *Coelebs fringilla*, Lithuania 3939
- Haemoproteus minutus**, new species, *Turdus merula*, Lithuania 3939
- Haemoproteus munguii**, new species, Agama agama, Kenya 1340
- Haemoproteus nettionis**, Anatidae, Canada 4339

- Haemoproteus nucleophilus**, new species, *Melanocharis nigra*, Papua New Guinea 98
- Haemoproteus oedurae**, new species, *Oedura castelnaui*, Australia 2654
- Haemoproteus opluri**, new species, *Oplurus cuvieri*, Madagascar 2654
- Haemoproteus pallidus**, new species, *Ficedula hypoleuca*, Lithuania 1748
- Haemoproteus palumbis**, morphology, gametocytes 2655
- Haemoproteus pratasi**, *Numida meleagris*, South Africa 2093
- Haemoproteus pyodactyli**, new species, *Ptyodactylus hasselquistii*, Jordan 2654
- Haemoproteus simondi**, redescrptions 2654
- Haemoproteus tarentolae**, *Tarentola mauritanica*, France, redescrptions 2654
- Haemoproteus turtur**, morphology, gametocytes 2655
- Haemoproteus underwoodsauri**, new species, *Underwoodsaurus milii*, Australia 2654
- Haemostasis**, chloroquine 1597
- Haemozoin**, *Plasmodium* 3582
- Haiti**, *Eimeria leioccephali*, new species, *Leioccephalus barahonensis* 1050
- Haliotis laevigata**
Perkinsus, Australia 558
Perkinsus olseni, Australia 3445
- Haliotis rubra**, *Perkinsus olseni*, Australia 3445
- Halofantrine**
 man, pharmacokinetics 2430
 metabolites, *Plasmodium falciparum*, *in vitro* 4652
 mode of action 4661
 pharmacokinetics 2430, 4661
Plasmodium
 animals 2381
 man 1592, 2381, 4661, 5054
Plasmodium berghei, mice 3684
Plasmodium falciparum
 Africa, drug resistance 4185
 children 4163
 Congo, drug resistance 3713
in vitro 353
 man 1547, 1554, 1942, 2430, 2838, 3267, 3389, 4169
 reviews 2381, 5088
 toxicity, man 1592, 4220
- Halofuginone**
Eimeria, turkeys 1198
Eimeria tenella, embryos 377
 fowls, carcass composition 1229
 pharmacokinetics 1234
 toxicity
 embryos 377
 fowls 3321-3322
 turkeys 1228
 turkeys, pharmacokinetics 1234
- Hammondia**
 cats 524
 dogs 524
- Hammondia hammondi**
 cattle
 immune response 2967
 pathology 2967
 circulating antigens 4437
 mice, immunodiagnosis 4437
 rabbits, immunodiagnosis 4437
Toxoplasma gondii, antigens, cross reaction 4437
 ultrastructure, cysts 2967
- Hammondia heydorni**, dogs, experimental infections, camel meat 4121
- Hamsters** (see named genera for infections in the wild)
Cryptosporidium 529
Cryptosporidium parvum, prophylaxis 5047
Entamoeba histolytica
 pathogenesis 3127
 pathogenicity 715, 2244
Leishmania, metastasis 1310
Leishmania donovani
 diagnosis 5134
 drug therapy 871, 899, 1922, 2852, 3729
 haematology 4501
- Leishmania donovani* cont.
 host parasite relationships 299, 3191
 immune evasion 2221
 immune response 1823
 immunopathology 2721
 immunostimulation 3114
 immunosuppression 2721
 pathology 3556
Leishmania mexicana, pathogenesis 1833
Leishmania panamensis
 drug therapy 1544
 pathology 1544
- Hamycin**
Leishmania donovani, *in vitro*, mode of action 5102
 mode of action 5102
- Haplosporidium costale**, ultrastructure, developmental stages 2162
- Haplosporidium nelsoni**
Crassostrea virginica
 pathology 175, 560
 resistance 175
 susceptibility 175
 USA 175
- Haplosternum littorale**, *Henneguya*, Brazil 948
- Haptoglobins**, serum, *Plasmodium* 4685
- Hartmannella vermiformis**
 chemotaxonomy 949
Legionella pneumophila, water 949
- Hawaii**, *Toxoplasma gondii*, pigs 3862
- Hazardia milleri**, *Culex pipiens*, Argentina 3442
- Health centres**, *Plasmodium*, man, Thailand, economic analysis 4785
- Heart and lung transplant**, *Toxoplasma gondii*, man 4811
- Heart transplant**
Plasmodium falciparum, man, transmission 2545
Pneumocystis carinii, man 2639, 4805
Toxoplasma gondii 2635
 man 4811
Trypanosoma cruzi, man 2554
- Heat**, *Leishmania*, man 1195
- Heat shock**, *Leishmania aethiopica*, promastigotes 3596
- Heat shock proteins** 2264
Leishmania 254
Leishmania braziliensis 4074
Leishmania infantum chagasi 1375
Plasmodium 4024
Plasmodium falciparum 227, 4057
Toxoplasma gondii 3969
Trypanosoma brucei, transcription 1451
Trypanosoma cruzi 1375, 3605, 4074
- HeLa cells**, *Trypanosoma cruzi*, host parasite relationships 281, 3188
- Heliothis armigera**, *Nosema manierae*, pathogenicity 3570
- Helmichia simuliae**, new species, *Cnesia dissimilis*, Argentina 100
- Helodrilus antipae**, *Apolocystis lumbricolidi*, Poland, new host records 3444
- Hemichromis fasciatus**
Myxobolus dossoui, new species, Benin 1749
Myxobolus heterospora, Benin, new host records 1749
Myxobolus melenensis, new species, Cameroon 1054
- Hemiclepsis marginata**
Trypanosoma catostomi, susceptibility 5024
Trypanosoma punctati, transmission 67
- Hemiculter leucisculus**, *Myxidium hemiculteri*, new species, China 104
- Hemidactylus turcicus turcicus**, *Eimeria*, Turkey 1050
- Hemigrammocharax multifasciatus**
Trichodina kalimbeza, new species, Namibia 3943
Trichodina ngoma, new species, Namibia 3943
- Hemirichodina**, freshwater fishes, Namibia 3943
- Hennegoides longitudinalis**, new genus, new species, *Osphronemus gourami*, Thailand 2158
- Henneguya**
Haplosternum littorale, Brazil 948
- Henneguya** cont.
Pterophyllum scalare, mortality 1717
Trematomus bernacchii, Antarctica, new host records 790
- Henneguya doori**, water, dispersal 5145
- Henneguya myositis**, fishes, USA 3441
- Heparin**, *Plasmodium falciparum*, man 1935
- Hepatocytes**
Plasmodium berghei 134
Plasmodium falciparum 444
- Hepatozoon**
Aedes aegypti, transmission 318
Anolis, experimental infections 318
Anolis carolinensis, pathogenicity 318
Anolis sagrei, pathogenicity 318
 birds
 Ethiopia, checklists 4338
 South Africa, epidemiology 3436
Martes, nervous system diseases 84
Microtus montanus, USA 3003
Numida meleagris, South Africa 2093
Ornithodoros turicata, transmission 318
Sciurus carolinensis, UK 2087
- Hepatozoon canis**
Babesia, dogs, Greece 1306
 dogs 3420
 France 1014
 Greece 1306
 India, new geographic records 3449
 Israel 3873
 Japan 1708
 reviews 1018
Ehrlichia, dogs, mixed infections 1042
Ehrlichia canis, dogs, France 3458
Leishmania infantum infantum, dogs, Italy 1016
 Thailand 4755
- Hepsetus odoe**, *Myxobolus africanus*, new species, Cameroon 1054
- Herpes simplex virus**, *Pneumocystis carinii*, man, interactions 3048
- Herpetomonas**
 chemotaxonomy 4558
 macrophages, *in vitro* 4411
- Herpetomonas roitmani**, new combination 2149
- Herpetomonas samuelpessoai**, *Musca domestica*, host parasite relationships 1488
- Heteronotia binoei**, *Haemoproteus mackerrasi*, new species, Australia 2654
- Hexamita**, poultry 1713
- Hexamita meleagridis**
Perdix perdix, Italy 1027
Phasianus colchicus, Italy 1027
- Hexamita muris**, mice 1021
- High density lipoprotein**
Trypanosoma brucei 1812
in vitro 1985
 lysis 4407
- Hipophthalmatrix molitrix**, parasites, Cuba 3889
- Hippotragus equinus**, *Trypanosoma*, Burkina Faso 1699
- Hippotragus niger**, *Babesia irvinesmithi*, South Africa, zoological gardens 2730
- Histamine**, *Entamoeba histolytica*, *in vitro* 1407
- Histiocytosis**
 host parasite relationships, immune response, *Plasmodium falciparum* 4473
Plasmodium falciparum, man, immune response 4473
- Histocompatibility antigens**, *Leishmania donovani* 4861
- Histology**, *Cryptosporidium* 1259
- Histomonas**
 fowls, USA, general account 3252
 pheasants, drug therapy 1215
 poultry 1713
Rhea, mortality 4774
 turkeys, drug therapy 1215
- Histomonas meleagridis**
 fowls, USA 4340
 peafowls
 development 2737
 pathogenicity 2737
- Histones**
Plasmodium falciparum 4951
Trypanosoma brucei 4927

Histopathology*Acanthamoeba*

man, reviews 4271

pigs, experimental infections 4483

Entamoeba histolytica, man 2913*Goussia lomi*, *Maccullochella peeli* 1718*Kudoa*, *Morone americana* 3888*Leishmania major*, mice 1120*Leptomyxidæ*, man, reviews 4271*Naegleria fowleri*, man, reviews 4271*Plasmodium*, mice 4906*Toxoplasma gondii*, mice 1120*Trypanosoma cruzi*, mice 4489**History**

Chagas' disease, Brazil 1262

Glossina, Kenya 1180

human immunodeficiency virus, man,

transmission 3910

Plasmodium

control 3240

Italy, control 3238

man

control 3237

drug therapy 4172

Southwest Pacific, control 4278

Mauritius 1503

Reunion 1503

protozoa

livestock, Germany 3771

man 6

Germany 3771

wild animals, Germany 3771

quinine 885

Theileria parva, cattle, Zimbabwe 2065

tropical medicine, Netherlands 2487-2488

Trypanosoma

Africa 5148

Zambia 4705

Trypanosoma congolense, livestock,

Togo 951

Trypanosoma cruzi, man, Brazil 1635

veterinary parasitology 3360

Homidium*Trypanosoma*, cattle 857*Trypanosoma vivax*

in vitro 892

Kenya, drug resistance 878

Somalia, drug resistance 878

Homidium bromide

mode of action 365

Trypanosoma lewisi, rats 4137*Trypanosoma rhodesiense*, in vitro, mode

of action, lipids, peroxidation 365

Homologous recombination, *Trypanosoma**brucei* 1476**Homosexuals**, parasites, Kaposi's sarcoma

4806

Honduras, *Trypanosoma cruzi*, man 2554**Honeybees**, *Nosema apis*, drug therapy 347**Hong Kong**, *Pneumocystis carinii*, human

immunodeficiency virus, man 3046

Hormones, protozoa, reviews 1163**Horses***Babesia caballi*, experimental infection

1187

*Babesia equi**Ehrlichia equi*, interactions 4502

haematology, experimental infections

4502

immune response 627

immunodiagnosis 169

Cryptosporidium, reviews 486

cymelarsan, pharmacokinetics 2406

Encephalitozoon cuniculi, South Africa

2064

Klossiella equi, Panama, new geographic

records 4311

Leishmania braziliensis, Brazil, transmis-

sion 2314

Pneumocystis carinii, UK 4815

protozoa

Brazil, reviews 1318

diagnosis 2006

India 3449

reviews 3407

Sarcocystis, Irish Republic 2969*Sarcocystis cruzi*, diagnosis 3342*Sarcocystis fayeri*, Canada 3063*Sarcocystis neurona* 2968

drug therapy 3280

USA 2656, 4322

Horses cont.

toxicity, monensin 4666

Toxoplasma gondii

China 513

diagnosis 3342

UK 45

Trypanosoma equiperdum

immunodiagnosis 159

Italy, epidemiology 1175

Trypanosoma evansi

haematology 2745

immune response 1798

Host parasite relationships

Apicomplexa, mammals, reviews 4997

Babesia bovis

erythrocytes 284, 4576-4577

phagosomes 1888

Babesia divergens, erythrocytes 2782*Cryptosporidium*, cattle 775*Eimeria tenella*

fibroblasts, in vitro 4993

lymphocytes, in vitro 290

Entamoeba histolytica

colon 780

granulocytes 4996

neutrophils 2778

evolution 2777, 3504, 3635

sexual selection 1483

Giardia duodenalis

in vitro 1485

mice 781

milk 1813

trophozoites 1168

Gregarina, *Tenebrio molitor* 4584*Herpetomonas samuelpessoai*, *Musca**domestica* 1488*Ichthyophthirius multifiliis*, *Alburnus*

4585

immune response, *Plasmodium**falciparum*, histiocytosis 4473*Lambornella clarki*, *Aedes sierrensis*

4780

Leishmania

macrophages 782, 2783

mammals, reviews 4997

Leishmania donovani

hamsters 299, 3191

macrophages 2301, 4988

Leishmania infantum chagasi, promas-

tigotes 286

Leishmania infantum infantum

adherence 2468

in vitro 1169, 4991

Leishmania major

adherence 2468

in vitro 1169, 4991

Phlebotomus papatasi 1440

lipoproteins 776

mathematical models 4574

molecular genetics, mathematical models

4089

parasites 292, 1489

foraging 3190

immunocompromised hosts, man

4103

mucus 660

Plasmodium 777

erythrocytes 1167, 4100, 4239, 4572,

4587

reviews 4099

liver cells 3964

man 3189

rhoptries 1484

*Plasmodium berghei**Anopheles stephensi* 3216

erythrocytes 4680

macrophages 774

Praomys natalensis 2299*Plasmodium coatneyi*, erythrocytes 282*Plasmodium falciparum* 222, 1893, 2300,

3088, 4582

erythrocytes 280, 285, 287, 298, 779,

1170, 1486, 1889, 2296, 3187,

3563-3564, 3641, 4098, 4102,

4570-4571, 4573, 4575-4576,

4578, 4984, 4989, 4992

in vitro 1886, 4569

man 3129

merozoites 2779

Plasmodium gallinaceum, *Aedes aegypti*

1903

Host parasite relationships cont.*Plasmodium knowlesi*, erythrocytes 298*Plasmodium pediceti*, *Centrocerus**urophasianus* 3636*Plasmodium simiovale*, *Macaca mulatta*

283

Plasmodium vivax

man, evolution 3950

merozoites 4086

Pneumocystis carinii

immunocompromised hosts, rats 110

macrophages 3961

protozoa 293-297, 1483, 3643

aquatic invertebrates, reviews 1490

man 1166

reviews 3639

reviews 4395

wild animals 4583

Sauroleishmania gymnodactyli, *Sergento-**myia arpaklensis* 1491

sexual selection 1887, 2294, 2298, 2780,

3635, 4097

Theileria

erythrocytes 4505

lymphocytes 4529

Theileria annulata, lymphocytes, in vitro

4995

Theileria parva

lymphocytes 4586

phagosomes 1888

Theileria sergenti, erythrocytes 4580*Toxoplasma gondii* 1487, 1892, 4096

human fibroblasts 2295

in vitro 291, 1891

macrophages 3642

man 288

rhoptries 1484

Trichomonas vaginalis 778

adhesion 4990

Tritrichomonas foetus, proteinases 3644*Trypanosoma*, *Glossina* 2331*Trypanosoma brucei*, *Glossina morsitans**morsitans*, in vitro 4994*Trypanosoma cruzi* 753, 4581

granulocytes 4579

HeLa cells 281, 3188

mammals, reviews 4997

man 1449

phagocytes 1890

phagosomes 1888

T lymphocytes 2297

Triatoma infestans 945

Triatominae 1521

Trypanosoma freitasi, fibroblasts 4095

virulence, selection 1755

Host-seeking behaviour*Ichthyophthirius multifiliis*

rainbow trout 4094

Salmo trutta 4094**Host specificity***Acanthamoeba castellanii*

birds 4348

mammals 4348

man 4348

*Eimeria**Apodemus* 1336

rodents 4821

Eimeria apionodes, *Apodemus sylvaticus*

413

Housing, *Plasmodium*, transmission 786**HTLV-I**, *Sarcomastigophora*, interactions

2127

HTLV-III (see human immunodeficiency

virus)

Human fibroblasts, *Toxoplasma gondii*,

host parasite relationships 2295

Human immunodeficiency virus*Acanthamoeba*

man

diagnosis 2517

USA 2517, 4798

Acanthamoeba rhysodes, man, USA 4797*Blastocystis hominis*

man

Australia 4812

Italy 2942

Cryptosporidium

cytomegalovirus, man, France 2630

man

diagnosis 1731

Human immunodeficiency virus cont.*Cryptosporidium* cont.

man cont.

- drug therapy 91, 2629, 2820, 3693, 3699
- France 2631, 4804
- Germany 90, 4366
- pathology 3918
- prognosis 4796
- reviews 3452, 3795
- Tunisia 1332
- UK 91
- USA 1048, 1739, 1742, 2129, 2643, 3918

Cryptosporidium parvum

man

- Portugal 2689
- Turkey 2689
- UK 2689
- USA, reviews 3914

Encephalitozoon, man, UK 4389*Encephalitozoon cuniculi*, man, drug therapy 1330*Encephalitozoon hellem*

man

- reviews 3038
- USA 4790

Endolimax nana, man, Australia 4812*Entamoeba coli*, man, Australia 4812*Entamoeba histolytica*interactions, *in vitro* 574

man

- interactions 574
- Kaposi's sarcoma 4806
- pathogenicity 3179, 3567
- USA 2129

Enterocytozoon bieneusi

man

- Chile 2141
- drug therapy 3468
- France 1678, 3465, 3468, 3923
- Germany 2619
- pathology 3921
- reviews 3038
- USA 2908

*Giardia duodenalis*interactions, *in vitro* 574

man, USA 2129, 2643

history, man, transmission 3910

*Isospora belli**Cryptosporidium*, man, France 2629

man 92

- drug therapy 2629
- France 4804
- USA, reviews 3914

Leishmania

man 582

- Belgium 4365
- France 3926, 4804
- general account 3475
- Guinea-Bissau 2134
- Italy 2634
- reviews 1737, 2046

Leishmania donovani

man

- drug therapy 3935, 5062
- France, epidemiology 2795
- Germany 3935
- reviews 4814
- Spain 3040-3041, 3810, 3911

Leishmania infantum infantum

man

- diagnosis 3934
- drug therapy 4628
- France 3471, 3934
- immunotherapy 4628

Microspora

man

- diarrhoea 3924
- reviews 4814
- USA 88

microsporidia

man

- developing countries, reviews 4360
- drug therapy 2854
- reviews 3038
- opportunistic infections
- man 2646
- reviews 2131

Human immunodeficiency virus cont.

parasites

man 2626

- diarrhoea 1746
- Kaposi's sarcoma 4806

Plasmodium

man

- Central African Republic 1680
- India 3524
- Rwanda 15

Plasmodium falciparum

man

- India 3512
- Zaire 788

Pneumocystis carinii

cytomegalovirus, man, interactions 86

diagnosis, reviews 1744

drug therapy 336

reviews 1744

man 1735, 2148, 2830, 3042, 4792

Australia 2627

Canada 326, 2651, 3461

Chile 4251, 4368

Côte d'Ivoire 3047

Denmark 3051

diagnosis 193, 423-424, 428, 433-

434, 1542, 2130, 2470,

2637, 2912, 2914-2915,

2921, 3345, 4251, 4690,

5132, 5135, 5139

reviews 2640

disseminated infections 2230,

3929

drug therapy 326-327, 367, 888,

1193, 1558, 1932, 2133,

2380, 2432, 2846, 2874,

2886, 2891, 3270, 3734,

4171, 4228-4229, 4623,

5043, 5061

reviews 3685

extrapulmonary infection 2624

France 2143, 3471, 3480, 3816,

3925, 4802, 4804

general account 3475

Germany 1193, 2620

Hong Kong 3046

immune response 619, 2187, 4359

immunodiagnosis 434, 5132

Italy 1045, 3473, 3915

mortality 3048, 3922

Netherlands 2140, 3459

pathogenesis 2652

pathology 96, 193

pneumothorax 2633

prognosis 424, 3044

prophylaxis 1542, 1747, 1931,

2365, 2368, 2620, 2637,

2826, 2831, 2840-2841,

2843, 2846, 2887, 2915,

3247, 3259-3260, 3460,

3692, 3697, 3929, 4155,

4157, 4160, 4166, 4170,

4800-4801, 5043, 5057,

5065, 5067-5068

pentamidine, aerosols 325

reviews 2640, 3050, 3685,

5152

radiography 4791

reviews 1737, 2137, 2142, 2144,

2616, 3795, 4040, 4814

scintigraphy 3697

Spain 433, 1738, 2130, 3472,

4364

Switzerland, epidemiology 4809

T lymphocytes 3933

treatment 1327, 2369, 2834, 2844,

3051

reviews 2640

toxicity, trimethoprim 4217

Tunisia 1332

UK 93, 2132, 2135, 2636, 2647

USA 193, 336, 888, 1732, 1734,

1741, 1747, 1932, 2139,

2621, 2625, 2641, 2645,

3312, 3460, 3474, 3476-

3477, 3479, 3917, 3920,

3932, 4357, 4795, 5059

epidemiology 1328

reviews 3913

USA 2638

Human immunodeficiency virus cont.

protozoa

interactions, mathematical models

2781

man 1329, 3478, 4288

data processing 415

developing countries, reviews

4360

Italy 2138

pathology 702

prophylaxis, reviews 1921

reviews 3912

Toxoplasma gondii

man 2148

Austria 2648

Brazil 2128

congenital infection 3909

Denmark 3930

diagnosis 939, 2045, 2943, 3340,

4363

reviews 5131

drug therapy 576-577, 1937,

1949, 2829, 2848, 3263,

4143, 4214, 4625

France 1745, 3470, 3528, 3925-

3927, 4804

Germany 3466

immune response 2045, 2174,

3528, 4359

immunodiagnosis 165, 647, 1395,

2706

Italy 2615

epidemiology 5003

misdiagnosis 939

Netherlands 2649, 3459

pathology 583, 2147

prophylaxis 2136, 2829, 3260,

4155, 4800-4801, 5065

reviews 1737, 3795, 4803

Spain 2642, 4363

treatment, toxicity, pyrimethamine

4217

Uganda 1044

UK 93, 1047, 2628, 4367

USA 575, 2621, 3464, 4808

reviews 3914

Zambia 1044

Trypanosoma

Africa, epidemiology 1173

man

Cameroon 2531

Central African Republic 2531

Congo 2531

Trypanosoma cruzi, man, USA 4807

USA

New York

children

Cryptosporidium 2129*Entamoeba histolytica* 2129*Giardia duodenalis* 2129**Human milk, *Giardia duodenalis* 3545****Humoral immunity, *Plasmodium* 4023****Hungary***Ceratomyxa hungarica*, new species,*Proterorhinus marmoratus* 4823*Chloromyxum proterorhini*, new species,*Proterorhinus marmoratus* 4823

Hungarian Society of Parasitologists,

reports 3773-3774

*Hyalomma anatolicum**Theileria annulata*, transmission 1183,

5033

Trypanosoma evansi, transmission 2803*Hyalomma marginatum*, *Trypanosoma**theileri*, Portugal 1512*Hyalomma truncatum**Babesia*, transmission 818*Babesia caballi*

development 3495

transovarial transmission 1187

Hyalophysa chattoni

ultrastructure 109

virus-like particles, *Palaemonetes pugio*,

USA 2613

Hybridization*Leishmania infantum infantum*,*Phlebotomus langeroni* 2327*Leishmania major*, *Phlebotomus langer-**oni* 2327*Trypanosoma brucei*, *in vitro* 603

Hybrids

- Plasmodium falciparum* 1467
- Trypanosoma brucei* 1355
- Trypanosoma rhodesiense*, *Trypanosoma brucei* 3502

Hydropiperazine

- mode of action 3314
- Plasmodium falciparum*, *in vitro*, mode of action 3314

Hydroxychloroquine

- rheumatoid arthritis 4221
- toxicity
 - man 1983, 2400, 3310, 4660
 - reviews 3311

Hydroxynaphthoquinones

- mode of action 2879
- Plasmodium*, *in vitro*, mode of action 2879

Hydroxytrifluoromethylbenzylamines

- Plasmodium berghei*, mice 2431
- Plasmodium falciparum*, *in vitro* 2431

Hyperbilirubinaemia

- Plasmodium falciparum* 1136
- Plasmodium ovale* 1136
- Plasmodium vivax* 1136

Hypnozoites

- Plasmodium* 4700
- Plasmodium simiovale* 283
- Plasmodium vivax* 783

Hypoglycaemia

- Plasmodium falciparum*, man 1199
- quinine 2408

Hypophthalmichthys molitrix, *Sphaerospora lieni*, new species, China 104**Hypothyroidism**, *Trypanosoma congolense* 2236**Ichthyobodo**

- Paralichthys olivaceus*
 - Japan 4344
 - pathology 4344

Ichthyobodo necator, *Octopus bimaculoides*, USA 3891**Ichthyophthirius multifiliis**

- Alburnus*, host parasite relationships 4585
- Ameca splendens*, resistance 2712
- Brachydanio rerio*, control 4129
- Capoeta tetrazona*, control 4129
- Carassius auratus*, control 4129
- control 2389
- Cyprinus carpio*, immune response 2179
- Ictalurus punctatus*, infectivity 1399
- Ilyodon xantusi*, resistance 2712
- Oncorhynchus mykiss*, drug therapy 349
- ornamental fishes, drug therapy 4136
- phototaxis 4094
- Pterophyllum scalare*, mortality 1717
- rainbow trout, host-seeking behaviour 4094
- Salmo trutta*, host-seeking behaviour 4094

- Salmonidae, South Africa 2100
- Xiphophorus maculatus*, resistance 2712
- Xiphophorus variatus*, resistance 2712

Ictalurus nebulosus, *Trypanosoma catostomi*, susceptibility 5024**Ictalurus punctatus**

- Ichthyophthirius multifiliis*, infectivity 1399
- Myxozoa, fish farms, USA, reviews 3887

Ictiobus cyprinellus, parasites, Cuba 3889**Ictiobus niger**, parasites, Cuba 3889**IgA**

- Cryptosporidium parvum* 3520
- Giardia duodenalis* 115, 3545
- Giardia muris* 4424
 - in vitro* 4424
- Toxoplasma gondii* 645, 2706, 3999

IgE

- Entamoeba histolytica* 1076
- Leishmania* 4431
- parasites, man, faeces 4434

IgG

- Babesia bovis* 4892
- Cryptosporidium parvum* 3520
- Eimeria acervulina* 4409
- Eimeria bovis* 1383
- Giardia muris* 4424
 - in vitro* 4424
- Leishmania*, dogs 4863
- Leishmania donovani* 1371, 4856
- Plasmodium chabaudi* 4901

IgG cont.

- Plasmodium falciparum* 120, 3107
 - erythrocytes 3075
- Plasmodium vivax* 3959
- Sarcocystis cruzi* 156
- Toxoplasma gondii* 1394, 2963, 3066, 3100-3101
 - human immunodeficiency virus 2174
- Trichomonas vaginalis* 2181
- Trypanosoma cruzi* 1072, 1790, 4415, 4848, 4851, 4901
- Trypanosoma evansi* 632, 3981
- Trypanosoma gambiense* 1066

IgM

- Cryptosporidium parvum* 3520
- Eimeria bovis* 1383
- Giardia duodenalis* 2197
- Giardia muris* 4424
 - in vitro* 4424
- Plasmodium falciparum* 3107
- Toxoplasma gondii* 2963, 3066, 3100-3101, 4847
- Trypanosoma cruzi* 4415, 4848, 4851
- Trypanosoma evansi* 632, 3981

IgM rheumatoid factor, *Babesia*, immunization 1409**Ilyodon xantusi**, *Ichthyophthirius multifiliis*, resistance 2712**Imidazoles**

- Entamoeba histolytica*, *in vitro* 3297
- mode of action 3292
- Trichomonas vaginalis*, *in vitro* 3297

Imidocarb

- Babesia divergens*, *Meriones unguiculatus* 4025
- Babesia ovis*
 - goats 862
 - sheep 862

Imipramine

- drug resistance
 - chloroquine 2862
 - pyrimethamine 2862

Immune complexes

- Entamoeba histolytica* 166
- Leishmania donovani*, man 4856

Immune evasion

- Leishmania donovani* 620
 - hamsters 2221
- parasites, reviews 4018
- Plasmodium* 623
- Plasmodium falciparum*
 - macrophages 3973
 - man 3973
- Trypanosoma cruzi*, *in vitro* 613
- Trypanosoma rhodesiense* 253

Immune response

- Acanthamoeba polyphaga*, rats 2693
- Ascogregarina chagasi*, *Lutzomyia longipalpis* 1762
- Babesia bigemina*, *in vitro* 4842
- Babesia bovis*
 - cattle 628, 3517
 - in vitro* 2675, 4842
- Babesia equi*, horses 627
- Babesia rodhaini*, mice 3279
- Cryptosporidium*
 - fowls 1797
- ruminants, reviews 1771
- Cryptosporidium parvum*
 - cattle 3520
 - immunocompromised hosts, mice 4419
- Eimeria acervulina*, fowls 1390, 4409, 4862
- Eimeria bovis* 1383
- Eimeria nieschulzi*, *Nippostrongylus brasiliensis*, rats 2612
- Eimeria tenella*, fowls 643, 3982
- Entamoeba histolytica* 573
 - man 1076, 1778, 4017, 4852
 - mice 4843
 - reviews 1777
- Giardia*, man 1796
- Giardia duodenalis* 4859
 - man 115, 3086, 3980
 - mice 621, 1372
- Giardia muris*
 - mice 4424
 - rats 4484
- Hammondia hammondi*, cattle 2967

Immune response cont.

- Ichthyophthirius multifiliis*, *Cyprinus carpio* 2179
- Isospora suis*, pigs 3531
- Leishmania*
 - dogs 4863
 - man 1075, 2175, 3518, 4431
 - mice 138
 - reviews 3986
- Leishmania amazonensis*
 - macrophages 4203
 - man 1768, 2186
 - mice 1381
- Leishmania braziliensis*
 - man 1857
 - Trypanosoma cruzi*, *Saimiri sciureus* 128
- Leishmania chagasi*, man 3523
- Leishmania donovani* 636
 - hamsters 1823
 - in vitro* 3513
 - man 1371, 1857, 2182, 4413, 4840, 4861
 - mice 642
 - sodium stibogluconate 4903
- Leishmania guyanensis* 2739
- Leishmania infantum chagasi*, man 3511
- Leishmania infantum infantum*
 - dogs 48, 1080
 - mice 4432
- Leishmania major* 635, 1388
 - man 1370
 - mice 845, 1069, 3077, 3505
- Leishmania mexicana*, man 1857
- Leishmania panamensis*, *Trypanosoma cruzi*, *Saimiri sciureus* 128
- Leishmania tropica*, man 3799
- Myxobolus cerebralis*, rainbow trout 2192
- Naegleria fowleri*, mice 4436
- Neospora caninum*, cattle 2967
- parasites
 - man 4434
 - reviews 3970
- Plasmodium*
 - exoerythrocytic stage 659
 - man 119, 126, 1785, 3514, 3527, 4593
 - reviews 155, 4006
 - mice 3960
- Plasmodium berghei* 134, 1794
 - mice 1788, 2180, 3068
- Plasmodium brasilianum*, *Saimiri sciureus* 629
- Plasmodium chabaudi*, mice 3963
- Plasmodium cynomolgi*
 - Cercopithecidae 1369
 - Macaca mulatta* 3508
 - mice 1764
- Plasmodium falciparum* 120, 148, 624, 1067, 1786, 2692, 3084, 4420
 - histiocytosis, man 4473
 - macrophages, liposomes, phagocytosis, assimilation 121
 - man 131, 145, 149, 195, 618, 639, 1071, 1100, 1365, 1373, 1773-1775, 1787, 2189, 2677, 2685, 2694, 3117, 3196, 3506, 3512, 3515, 3954-3955, 3958, 4427, 4430, 4435, 4591, 4845-4846, 4858
 - prophylaxis 343
 - reviews 3525
 - sickle cell trait 3072
 - mice 622, 1082, 2173, 2671, 3967
 - sickle cell trait, man 4412
- Plasmodium knowlesi*, *Macaca mulatta* 630, 2690
- Plasmodium vivax* 3084
 - man 3959, 4421, 4497
 - mice 4421
 - Saimiri sciureus* 1108
- Plasmodium yoelii* 3084
 - mice 631, 641, 2176, 2178, 3957
- platelets 3073
- Pneumocystis carinii* 137
 - human immunodeficiency virus, man 619, 2187, 4359
 - immunocompromised hosts
 - man 3979
 - mice 2183

Immune response cont.

- Pneumocystis carinii* cont.
man 1064, 3070, 3526
mice 1064
rats 1064, 3526
protozoa
man, reviews 4012
reviews 1777
Sarcocystis cruzi, cattle 156
Sarcocystis gigantea, in vitro 151
Tetrahymena piriformis, mice, *Toxoplasma gondii* 3956
Theileria, immunocompromised hosts, mice 4884
Theileria annulata 147, 1384
cattle 1793, 2191
Theileria parva
cattle 2668
reviews 1770
Toxoplasma gondii 1068
cattle 2967
human immunodeficiency virus, man 2045, 2174, 3528, 4359
immunocompromised hosts, man 2045
in vitro 1382
man 144, 288, 1376, 1766, 2670, 3066, 3999, 4438, 4847
mice 645, 1078, 2672, 2697, 3530, 3969, 3978, 4416
experimental infections 4036
rabbits 3090
Trichomonas vaginalis, man 2181, 2184
Trypanosoma, mathematical models 4590
Trypanosoma brucei, rats 116, 1109
Trypanosoma congolense
cattle 1799, 3067
n'dama 2169
sheep 2171, 3092
zebu 1799, 2169
Trypanosoma cruzi 117, 2688, 3510
Didelphis marsupialis 173
dogs 1389, 4415
in vitro 1781
macrophages 4203
man 644, 1070, 1857, 2177
mice 122, 139, 153, 700, 1072, 1368, 1763, 1765, 1790, 2222, 2678, 2708, 3085, 3542, 3974, 4423, 4848, 4851, 4857
rats 2680
Trypanosoma evansi
dromedaries 632
guineapigs, foot and mouth disease virus 3987
horses 1798
pigs 3981
Trypanosoma gambiense
in vitro 1066
man 2170
Trypanosoma lewisi
in vitro 1782
rats 625
Trypanosoma musculi 135
in vitro 1362
mice 625
Trypanosoma rangeli
man 1857
Rhodnius prolixus 320, 821
Triatoma infestans 320, 821

Immune serum, Babesia rodhaini 130**Immunity**

- Babesia bovis*, cattle 4892
Cryptosporidium
Macaca nemestrina 661
mice 658
Eimeria
fowls 4468
nicarbazin 4013
salinomycin 4013
Eimeria tenella, fowls 279, 1231, 4634
Entamoeba histolytica, man 4017
Giardia duodenalis, man 3545
Leishmania aethiopica, man 2713
Leishmania braziliensis
Callithrix penicillata 4459
man 3543
Leishmania chagasi, man 3523
Leishmania major
mice 3505
ultraviolet radiation 4456
Immunity cont.
parasites, birds, reviews 2714
Plasmodium
man 4005, 4291
reviews 4006-4009
Plasmodium chabaudi, mice 3540-3541
Plasmodium falciparum 1365
man 667, 1100, 1153, 3107, 3113
antibodies 1408
thalassaemia 1408
Plasmodium malariae, man, splenectomy 4882
Plasmodium vinckei, mice 172
Plasmodium vivax, man, Sri Lanka 4883
protozoa
livestock, reviews 1809
man, reviews 4011-4012
Toxoplasma gondii 185
mice 657, 3530, 4010, 4457
T lymphocytes 1099
rats 1400
Trypanosoma cruzi, mice 171, 668
Trypanosoma lewisi, rats, antiprotozoal agents 4137
Trypanosoma rhodesiense, goats 2080
Trypanosoma vivax, goats 663
Immunization
Babesia
cattle 1409
domestic animals 1802
Babesia bigemina, cattle 180, 2217
Babesia bovis
cattle 2719, 4028, 4461-4462, 4466, 4892
immunocompromised hosts, cattle 4893
Babesia canis, dogs 3551
Babesia divergens
Meriones unguiculatus
imidocarb 4025
oxytetracycline 4025
Babesia equi, donkeys 2215, 3553
books 463
cerebral malaria, mice 4891
circumsporozoite protein 1769
Eimeria, fowls 1819, 4468
Eimeria acervulina, fowls 1105, 4409
Eimeria bovis, cattle 1383
Eimeria tenella, fowls 1106, 1145, 3109
Entamoeba histolytica
man 1274
Meriones unguiculatus 3548
Giardia duodenalis
man 1274
mice 4894
Leishmania amazonensis 1381
Leishmania braziliensis, man 4403
Leishmania donovani, mice 695
Leucocytozoon caulleryi, fowls 4469
Naegleria fowleri, mice 181
Plasmodium 183
man 673, 1063, 1111
mathematical models 4588
reviews 676, 2607, 2715, 3111, 3549, 4022-4024, 4033
mice 675
reviews 3110, 4898
Plasmodium berghei, mice 178, 1414, 3547, 4891
Plasmodium chabaudi, mice 672, 2212
Plasmodium cynomolgi, mice 4897
Plasmodium falciparum 184
Aotus 1818, 3552
Aotus trivirgatus 671
guineapigs 4896
man 131, 692, 1410, 1640, 1773, 1786, 1817, 1820-1821, 3113, 4021, 4029-4032, 4890, 4895, 4899, 5159
reviews 2718, 4464
mice 179, 1386, 1814, 2173, 2212-2213, 2717, 3967, 4896
monkeys 1814
rabbits 3080, 4896
rats 1101
Saimiri sciureus 179, 674, 3112
Plasmodium vivax
man, reviews 4464
Saimiri sciureus 189, 677, 1108, 3554
Saimiri sciureus boliviensis 4020

Immunization cont.

- Plasmodium yoelii*, mice 3546
protozoa, man 1412
Theileria, cattle 187, 2214
Theileria annulata
cattle 182, 693, 1107, 1384, 1822, 1918, 3550, 3707
reviews 1917, 4465
Theileria bovis, cattle 690
Theileria lawrencei
cattle 683
zebu 685
Theileria parva
cattle 679-683, 686-689, 691, 694
buparvaquone 4027
oxytetracycline 4019, 4026-4027
reviews 1770, 4465
zebu 678, 684-685
Toxoplasma gondii
Aotus lemurinus 177
cats 1415
cattle 1110
mice 1102, 1815-1816
pigs 1104
sheep 185
Trypanosoma brucei, rats 1109
Trypanosoma cruzi, mice 125, 1411, 2882, 4034, 4399
Trypanosoma evansi, dogs 3115, 4470
Trypanosoma lewisi, rats 1103
Immunoassay
Encephalitozoon cuniculi 4451
Toxoplasma gondii 4451
Immunoblotting
Blastocystis hominis 2288
Cryptosporidium 3081
Entamoeba histolytica 3097, 3977
Leishmania 4875
Leishmania braziliensis 4402
Leishmania infantum infantum 160
Plasmodium falciparum 140, 1380
Plasmodium vivax 1380
Sarcocystis muris 3976
Toxoplasma gondii 3953, 3998
Trypanosoma brucei 4406
Trypanosoma congolense 4406
Immunocapture, Toxoplasma gondii 1805
Immunochemistry
Leishmania 1252
Toxoplasma gondii, antigens 2684
Immunocompromised hosts
Babesia bovis, cattle, immunization 4893
Blastocystis hominis, man, pathogenicity 3049
Cryptosporidium
animals, immunotherapy 5038
man
immunotherapy 5038
treatment 2833, 3849
UK 3919
Psittaciformes, USA 3015
rats 3052
haematology 1065
Cryptosporidium parvum
mice 580
experimental infection 579
immune response 4419
rats, drug therapy 846, 3678
Isospora
animals, immunotherapy 5038
man
immunotherapy 5038
Korea Republic 4308
Leishmania, man, reviews 2046
Leishmania donovani
man
India 3928
kidney transplant 3928
parasites
man
host parasite relationships 4103
pneumonia 4362
Plasmodium
man
drug resistance 1966
prophylaxis 1947
Pneumocystis carinii
man
Chile 4251

Immunocompromised hosts *cont.**Pneumocystis carinii* *cont.*man *cont.*

- diagnosis 1626, 2910-2911, 2921-2922, 3755, 4251, 4264, 4805, 5128, 5136
- reviews 934
- drug therapy 2842, 4144, 4648
- reviews 3241
- France 2143, 2623
- immune response 3979
- immunodiagnosis 162
- immunological deficiency 3979
- Japan 3931
- treatment 3682
- Netherlands 4805
- osteomyelitis 4361
- prophylaxis 342, 2376, 2427, 2849, 3703, 4177, 5060
- reviews 2146, 3896, 4040, 4813
- Switzerland 1736
- transmission 2333
- UK 1740, 3045, 4794
- USA 2554, 2622, 2639, 2644, 3043, 4358

mice

- diagnosis 3759
- experimental infections 4810
- immune response 2183
- immunotherapy 863

rats

- 1043, 1062, 3052
- experimental infection 3053-3054
- host parasite relationships 110
- immunosuppression 1743

protozoa

man

- immunological deficiency 87
- reviews 3916

Theileria

mice

- immune response 4884
- susceptibility 4884

Toxoplasma gondii 54

man

- Argentina 1331
- diagnosis 2045, 2943
- drug therapy 4648
- immune response 2045
- immunotherapy, reviews 3962
- reviews 578
- Switzerland 3463
- UK 2635, 4811
- USA 3039

mice, immunotherapy 1541

Trypanosoma cruzi

man

- Argentina 1331
- Spain 3225
- transmission 3225
- USA 2554
- mice, pathology 4481

Immunocytochemistry*Eimeria tenella* 4868*Pneumocystis carinii* 1251, 4829**Immunodepression**, *Entamoeba histolytica*, man 1419**Immunodiagnosis***Amyloodinium ocellatum*, *Oreochromis aureus* 3522*Babesia*, domestic animals 1802*Babesia bovis*, cattle 2206*Babesia divergens*, cattle 157*Babesia equi*, horses 169*Babesia gibsoni*, dogs 3102*Babesia ovis*, sheep 158*Bonania ostreae*, *Ostrea edulis* 2704*Cryptosporidium* 1098

cattle 3104

man 653, 2916

Eimeria tenella

fowls 4868

mice 1096

Encephalitozoon cuniculi, rabbits 4451*Entamoeba*, man, reviews 4254*Entamoeba histolytica* 1083

- man 166, 650, 2194, 2199, 2707, 3097-3098, 3977

Entoploypoides macaci, *Macaca fascicularis* 654*Giardia*, man, reviews 4253**Immunodiagnosis** *cont.**Giardia duodenalis*

- cattle 648
- chinchilla 648
- man 164, 649, 2197
- faeces 2204
- water 889

Hammondia hammondi

- mice 4437
- rabbits 4437

Leishmania

- man 1090, 1092, 1801, 2202, 4875
- reviews 4256

Leishmania braziliensis, man 4402-4403*Leishmania donovani*

- dogs 4443
- man 330, 2700, 4840, 4870-4871

Leishmania infantum infantum

- dogs 1094
- man 160

*Plasmodium**Anopheles* 2480*Anopheles stephensi* 3988

- man 163, 1807, 2200, 2699, 3990
- reviews 4258

*Plasmodium falciparum**Anopheles* 1905

- man 140, 161, 1087, 1089, 1289, 1497, 1804, 2705, 2962, 3093, 3099, 4450
- urine 1380

Plasmodium malariae, man 1392*Plasmodium vivax*

- man 1391, 2962, 3099, 3995, 4447
- urine 1380

Pneumocystis carinii 2144

- human immunodeficiency virus, man 434, 5132
- immunocompromised hosts, man 162

protozoa, man, reviews 1088

Sarcocystis cruzi, cattle 167*Sarcocystis fusiformis*, rabbits 3103*Toxoplasma gondii*

- cats 1397, 3534, 3537, 4866
- Felidae 3534
- goats 1084

- human immunodeficiency virus, man 165, 647, 1395, 2706

livestock 3536

Macaca fascicularis 2049*Macaca nemestrina* 2049

- man 473, 1097, 1394, 1805, 2128, 2193, 2507, 2683, 2701-2703, 3100-3101, 3533, 3989, 3992, 3994, 3997-3999, 4001, 4442, 4448, 4865, 4869, 4876, 4878-4880

reviews 4257

mice 2201, 3978, 4437

pigs 655, 1086, 1396, 2983

Presbytis cristata 2049

rabbits 2205, 3090, 4437, 4451

sheep 1091, 2205, 4866

Trichomonas vaginalis, man 1095, 2477, 4449*Tritrichomonas foetus*, cattle 168*Trypanosoma*

cattle 992, 2203

domestic animals, reviews 1803

livestock 2195

man 2028, 2195, 4864

reviews 4255

Trypanosoma brucei, cattle 4406*Trypanosoma congolense*

cattle 4406

livestock 1687

n'dama 3991

Trypanosoma cruzi

- man 652, 1499, 1806, 2198, 3069, 3094-3096, 4445-4446, 4877

mice 3094

rabbits 4000

Trypanosoma equiperdum, horses 159*Trypanosoma evansi*

buffaloes 651

camels 4453

cattle 3535

guineapigs 3532

livestock 3536

Trypanosoma gambiense

livestock 1093

Immunodiagnosis *cont.**Trypanosoma gambiense* *cont.*

- man 2285, 3993, 4444, 4717, 4873-4874

Trypanosoma rhodesiense

- cattle 2196
- man 4867, 4872

Trypanosoma vivax, n'dama 3991**Immunodiffusion tests***Sarcocystis fusiformis* 3103*Trypanosoma evansi* 3532**Immunofluorescence***Babesia divergens* 157*Babesia gibsoni* 3102*Cryptosporidium* 2916, 3081*Eimeria tenella* 1096*Entamoeba histolytica* 650*Entoploypoides macaci* 654*Giardia duodenalis* 889*Leishmania* 2202*Leishmania donovani* 4443, 4870*Leishmania infantum infantum* 1094*Plasmodium* 2699

- Plasmodium falciparum* 163, 1289, 1804, 2962, 3099

man 2705

Plasmodium vivax 2962, 3099, 4447*Pneumocystis carinii* 162, 434*Sarcocystis cruzi* 167staining, *Pneumocystis carinii* 423

- Toxoplasma gondii* 1084, 1091, 1303, 2049, 2128, 3978, 3994, 4448

IgG 647

rabbits 3090

Trichomonas vaginalis 1095, 4449*Trypanosoma* 992, 2028*Trypanosoma cruzi* 1806, 4877*Trypanosoma equiperdum* 159*Trypanosoma evansi* 3532*Trypanosoma gambiense* 4717**Immunoglobulins** (see also IgA; IgE; IgG; IgM)*Giardia*, man 1796*Leishmania* 1075*Plasmodium falciparum* 1543*Plasmodium yoelii* 631*Sarcocystis cruzi* 167*Toxoplasma gondii* 1805*Tritrichomonas foetus* 1357*Trypanosoma cruzi* 3510**Immunohistochemistry***Acanthamoeba polyphaga* 2693*Giardia duodenalis*

cattle 648

chinchilla 648

Leishmania infantum infantum 704*Plasmodium falciparum*, man 2705*Sarcocystis cruzi* 3342*Toxoplasma gondii* 3342**Immunological deficiency***Cryptosporidium parvum*, mice 580*Entamoeba histolytica*, *Meriones unguiculatus* 4902*Giardia duodenalis*, man 4035*Leishmania donovani* 1823*Leishmania infantum infantum*, man 132*Pneumocystis carinii*

- immunocompromised hosts, man 3979

man 2632

- protozoa, immunocompromised hosts, man 87

Trypanosoma congolense, cattle 697, 4472*Trypanosoma cruzi* 4475

in vitro 698

mice 700, 3116

reviews 188

Trypanosoma evansi, guineapigs 3987*Trypanosoma gambiense*, mice 699*Trypanosoma lewisi* 1782

rats 1103

Immunology (see also Immunopathology)*Cryptosporidium*, man, reviews 4492*Entamoeba histolytica* 4852

reviews 113

Giardia duodenalis

man 3901

reviews 4400

Leishmania 606, 609*Leishmania donovani*, mice 337

Immunology cont.

- parasites 606
- Plasmodium* 606-607
 - Aotus*, reviews 3852
 - man 1063
 - reviews 2166
 - reviews 3898
 - Saimiri*, reviews 3852
- Plasmodium falciparum*, man 3113
- Pneumocystis carinii* 1064
 - man 2632
- protozoa 4710
 - livestock, reviews 4353
 - man 112
- Sarcocystis*, ruminants, reviews 1772
- Theileria annulata*, cattle 114, 186
- Toxoplasma*, ruminants, reviews 1772
- Toxoplasma gondii* 608
 - feline immunodeficiency virus, cats 2168
- Trypanosoma* 610
 - man 112
- Trypanosoma cruzi* 606, 611

Immunolysis test, variable antigen types,

Trypanosoma rhodesiense 2196

Immunopathology

- Entamoeba*, man 1113
- Entamoeba histolytica*, man 1419, 1824, 2723
- Leishmania braziliensis*, man 1417
- Leishmania donovani*, hamsters 2721
- Leishmania major* 701
- Microspora*, *Oncorhynchus tshawytscha* 553
- Plasmodium berghei*
 - mice 2218
 - rats 190
- Plasmodium falciparum*
 - major histocompatibility complex 4455, 4886
 - man 1416, 2698, 3117
 - mice 1112
- Plasmodium vivax*
 - man 1418
- Saimiri sciureus* 189
- protozoa, livestock, reviews 4714
- Sarcocystis cruzi* 156
- Toxoplasma gondii*, mice 4844
- Trypanosoma cruzi* 3174
 - in vitro 4474
 - man 4041
 - mice 1114, 2297, 2720, 2722
- Trypanosoma evansi*, rabbits 3555

Immunoperoxidase technique

- identification, *Pneumocystis carinii* 1251
- Leishmania* 1801

Immunosorbent agglutination assay, *Toxoplasma gondii* 2193, 3101**Immunostaining, *Plasmodium* 3988****Immunostimulation**

- Leishmania donovani*, hamsters 3114
- levamisole, *Leishmania donovani*, rodents 871
- sodium stibogluconate 4903
- thymus gland, extracts, *Leishmania donovani*, rodents 871
- Toxoplasma gondii*
 - mice 645
- Tetrahymena piriformis* 3956
- Trypanosoma evansi* 3115

Immunosuppression (see also immunological deficiency)

- Eimeria*, goats 4471
- Entamoeba histolytica* 191
- Leishmania donovani*
 - hamsters 2721
 - mice 696
- Plasmodium*, drug resistance 4640
- Plasmodium chabaudi* 3541
 - mice 192, 4901
- Pneumocystis carinii*, immunocompromised hosts, rats 1743
- Toxoplasma gondii*, cats 4441
- Trypanosoma cruzi*
 - man 2219
 - mice 2222, 4901
- Trypanosoma murmanensis* 1828

Immunotaxonomy

- Cryptosporidium* 3081
- Cryptosporidium parvum* 3082
- Giardia duodenalis* 277

Immunotherapy

- Cryptosporidium*
 - immunocompromised hosts
 - animals 5038
 - man 5038
 - man 2833
- Cryptosporidium parvum*, rats 3678
- Eimeria*, turkeys 2220
- Entamoeba histolytica*, man 1419
- Isospora*
 - immunocompromised hosts
 - animals 5038
 - man 5038
- Leishmania*, mice 1784
- Leishmania donovani*, mice 2373
- Leishmania infantum infantum*
 - dogs 1211
 - human immunodeficiency virus, man 4628
- Leishmania major*, mice 136, 849
- Leishmania tropica*, man 1202, 4167
- Plasmodium*, man 4173
- Plasmodium berghei* 2218
 - mice 2172, 3679
- Plasmodium cynomolgi*, *Macaca mulatta* 3680
- Plasmodium falciparum*, man 1543, 3680
- Pneumocystis carinii*, immunocompromised hosts, mice 863
- Toxoplasma gondii* 338
 - immunocompromised hosts
 - man, reviews 3962
 - mice 1541
- Trypanosoma equiperdum*, mice 4900

Inactivated vaccines, *Babesia equi* 3553**India**

- Eimeria*, goats 502
- Eimeriidae, books 459
- Entamoeba histolytica*, man 2042, 4724, 4731
- Giardia duodenalis*
 - man 4724, 4731
 - epidemiology 2794
- Haemoproteus*, birds 2091
- Haemoproteus columbae*, *Columba livia* 543
- Leishmania*, man 1201, 5040
- Leishmania donovani*, man 2700, 2851, 3387, 3557, 4840
- Plasmodium*
 - birds 2091
 - human immunodeficiency virus, man 3524
 - man 2950
 - information services 2017
- Plasmodium falciparum*
 - man 2189
 - control 2449
- Plasmodium vivax*, man, control 2449
- Plasmodium*, man 4728
- protozoa, wild animals 3450
- Theileria annulata*, cattle 1822
- Trichomonas vaginalis*
 - man 1655, 3374
 - epidemiology 3199
- zoonoses 2343
- Andhra Pradesh
 - Plasmodium*, man 1672
 - Sarcocystis fusiformis*, buffaloes 3404
- Arunachal Pradesh
 - Plasmodium*
 - Anopheles minimus*, transmission 1671
 - man 1671
 - epidemiology 1671
 - Plasmodium falciparum*
 - drug resistance 1969
 - chloroquine 1671

Assam

- Plasmodium*
 - Anopheles dirus*, transmission 5016
 - man, epidemiology 1899
- Plasmodium falciparum*
 - drug resistance 1969
 - chloroquine 3251
 - man, epidemiology 5016
- Plasmodium vivax*, man, epidemiology 5016

India cont.**Bihar**

- coccidia, rabbits, zoological gardens 3428
- Eimeria*, cattle 4321
- Entamoeba histolytica*, man 4017
- Leishmania*
 - man 3798
 - epidemiology 3649
- Leishmania donovani*
 - drug resistance, sodium stibogluconate 1566
 - man 1566, 2808, 3381
 - epidemiology 2796
- Sarcocystis hircanis*, goats, new geographic records 4383

Chandigarh

- Sarcocystis*, man, epidemiology 4998
- Trichomonas vaginalis*, man 4982

Delhi

- Entamoeba histolytica*, man 2541
- Giardia duodenalis*, man 1664
- Leishmania*, man, epidemiology 3649
- Leishmania donovani*
 - man 2919, 4870
 - epidemiology 4105
- Plasmodium falciparum*, man 1908
- Plasmodium vivax*
 - man 1908
 - epidemiology 1895
- Toxoplasma gondii*, man 2935, 4865

Gujarat

- Anopheles*, control 400
- Plasmodium*, man, control 400, 3676
- Plasmodium falciparum*
 - losses 2126
 - man
 - control 2317
 - epidemiology 2317

Haryana

- coccidia, buffaloes 4741
- Eimeria*, buffaloes 3861
- Isospora felis*, cats 3872
- Plasmodium*
 - man 3380
 - epidemiology 3794
- Plasmodium falciparum*
 - drug resistance, chloroquine 1968
 - man 968
- Plasmodium vivax*, man 968

Karnataka

- Eimeria mayurai*, peafowls 542
- Levinia agriocnema*, new genus, new species, *Agriocnema pygmaea* 1051
- Plasmodium*, man, control 1246
- Plasmodium falciparum*
 - drug resistance
 - amodiaquine 3681
 - chloroquine 3681, 3712

Kerala

- Cephalolobus indicus*, new species, *Penaeus indicus* 3482
- Mukundaella agriocnemi*, new species, *Agriocnema* 3483
- Nematopsis indicus*, new species, *Penaeus indicus* 3482
- Odonaticola*, *Pantala flavescens*, new geographic records 3483
- Odonaticola pantalae*, new species, *Pantala flavescens* 3483
- Plasmodium falciparum*, drug resistance, chloroquine 4644
- Trypanosoma punctati*, *Channa punctatus*, new geographic records 67

Madhya Pradesh

- Anopheles* 2320
 - rice fields 5015
- Plasmodium*, man, epidemiology 2320, 5015
- Plasmodium falciparum*, drug resistance, chloroquine 2398
- Plasmodium malariae*, man 2934

Maharashtra

- Eimeria*
 - goats 4754
 - sheep 4754
- Eimeria necatrix*, fowls 4914

India cont.

Maharashtra cont.

- Hepatozoon canis*, dogs, new geographic records 3449
 protozoa, domestic animals 3449
Sarcocystis, goats 3405
Theileria annulata, cattle 4742
Toxoplasma, cats 3426

Meghalaya, *Plasmodium falciparum*, drug resistance 1969

Mizoram

- Plasmodium falciparum*
 drug resistance 1969
 chloroquine 3251

Nagaland, *Plasmodium falciparum*, drug resistance, chloroquine 3251

Orissa

- Anopheles* 2324
 coccidia, ducks 2092
Plasmodium
Anopheles, transmission 4999
 man, epidemiology 2324, 3202, 4999
Plasmodium falciparum
 human immunodeficiency virus, man 3512
 man 1682, 3348
 control 4107
 epidemiology 4107
Theileria annulata, cattle 2964
 Patna, *Babesia gibsoni*, dogs 2082
 Punjab, *Plasmodium falciparum*, *Plasmodium vivax*, man 3384

Rajasthan

- Leishmania tropica*
 dogs, zoonoses 3230
 man 3799
 zoonoses 3230

Tamil Nadu

- Cryptosporidium*, man 4916
Eimeria, cattle 1689
Plasmodium falciparum, glucose-6-phosphate dehydrogenase, man 3650
Plasmodium vivax, glucose-6-phosphate dehydrogenase, man 3650
Theileria, cattle 1295

Uttar Pradesh

- Entamoeba coli*, man, diarrhoea 973
Entamoeba histolytica, man, diarrhoea 973

Leishmania

- man 3798
 epidemiology 1896, 3649
Phlebotomus, transmission 1896
Leishmania donovani
 immunocompromised hosts, man 3928
 man 4305

Plasmodium falciparum, drug resistance, chloroquine 5076*Plasmodium vivax*, man 1661*Sarcocystis*

- Athene brama* 3012
 buffaloes, epidemiology 3653
 goats 3864
 pigs, epidemiology 3653
Sarcocystis miescheriana, pigs 994
Sarcocystis suihominis, pigs, new geographic records 994

Toxoplasma gondii
 man 5010
 epidemiology 1663*Wenyonella columbae*, *Columba livia* 543

West Bengal

- Leishmania*, man 3798
Leishmania donovani
 man 2036
 epidemiology 3648
Microsporidium leiodermi, new species, *Lesioderma sericorne* 3487
Naegleria fowleri, ponds 5146
Plasmodium
Anopheles stephensi, transmission 5020
 man, epidemiology 5020
Plasmodium falciparum
 drug resistance 1969
 chloroquine 3251, 4641, 4645
 man 4641

India cont.

West Bengal cont.

- Theileria hirci*, goats, new geographic records 1688
Trypanosoma evansi
 cattle, epidemiology 2972
Tabanus, *Stomoxys*, transmission 2972
Trypanosoma karyozekton, *Rana tigrina*, new host records 1315
Trypanosoma mega, *Rana tigrina*, new geographic records 1315

Indoleacetic acid, *Plasmodium falciparum* 1999**Indolebutyric acid**, *Plasmodium falciparum* 1999**Indonesia**

- Anopheles*
 control 1268
 reviews 311
Babesia bigemina, buffaloes 997
Entoploypoides macaci, *Macaca fascicularis* 654
 parasites
 livestock 3893
 wild animals 3893
Plasmodium
 man 1492, 2950
 control 1268, 3673
Plasmodium falciparum
 drug resistance
 chloroquine 1221
 pyrimethamine sulfadoxine 1221
 man 667
Plasmodium vivax, drug resistance, chloroquine 352, 4624
Theileria orientalis, buffaloes 997
Trypanosoma evansi, buffaloes 997-998

Infections, books, world guide 3785**Infectious diseases**

- neonates, books 4287
 pregnancy, books 4287

Infectivity

- Babesia bigemina*, *Boophilus microplus* 2339
Cryptosporidium, mice 4384
Cryptosporidium parvum
 cattle 4418
 mice 4384, 4418
Cryptosporidium wrairi
 cattle 4418
 mice 4418
Giardia, *Meriones unguiculatus* 1402
Giardia duodenalis, *Meriones unguiculatus* 3519
Giardia muris, mice 4760, 5119
Ichthyophthirius multifiliis, *Ictalurus punctatus* 1399
Leishmania infantum infantum, cell lines 1169
Leishmania major, cell lines 1169
Plasmodium 446
Plasmodium berghei, *Anopheles stephensi* 5023
Plasmodium falciparum
Anopheles 3700
Anopheles stephensi 2775
Plasmodium gallinaceum
Aedes aegypti 4888, 5023
 fowls 4888
Sarcocystis capracanis, dogs 1884
Toxoplasma gondii 3180
 cell cultures, *in vitro* 4568
 gamma radiation 3184
 mice 4326
Trypanosoma brucei, man 2286
Trypanosoma congolense, *Glossina* 810
Trypanosoma phaleri
Amia calva 5142
Desserobdella phaleri 5142

Information services, *Plasmodium*, man, India 2017**Inositol monophosphate**, *Plasmodium yoelii* 3084**Institutions**

- Entamoeba histolytica*, Saudi Arabia 1281
Giardia duodenalis, Saudi Arabia 1281

Interactions

- Acanthamoeba*
 chlamydia, man 3378

Interactions cont.*Acanthamoeba* cont.

- Listeria monocytogenes* 1326
Babesia equi, *Ehrlichia equi*, horses 4502
 chloroquine, clozapine 3308
Cryptosporidium, *Staphylococcus aureus*, man 3849
Eimeria, *Salmonella typhimurium*, fowls 4356
Eimeria necatrix, Newcastle disease virus vaccines, fowls 1356
Eimeria tenella, bacteria, fowls 3036
Entamoeba histolytica
 bacteria 3083
Clostridium perfringens, mice 1325
Escherichia coli, mice 1325
 human immunodeficiency virus
in vitro 574
 man 574
 rheumatoid factor 4401
Shigella flexneri 4354
 free living amoebae, *Legionella pneumophila*, reviews 3035
Giardia duodenalis
 arthritis, man 3457
Cryptosporidium, man 4299
 human immunodeficiency virus, *in vitro* 574
 intestinal microorganisms, man 3907
 lasalocid, T-2 toxin 5044
Leishmania, bacteria, man 1729
Leishmania major, *Toxoplasma gondii*, mice 1120
 mefloquine, antimalarials, *in vitro* 3300
Perkinsus atlanticus, virus-like particles, *Ruditapes decussatus* 1728
Plasmodium falciparum, measles, man 1324
Plasmodium yoelii nigeriensis, *Nosema algerae*, *Anopheles stephensi* 1528
Pneumocystis carinii
 cytomegalovirus, man 3048
 herpes simplex virus, man 3048
 human immunodeficiency virus, cytomegalovirus, man 86
 protozoa
 human immunodeficiency virus, mathematical models 2781
 viruses 1730
 reviews 3034
Sarcomastigophora, HTLV-I 2127
Tetrahymena pyriformis, *Listeria monocytogenes* 1326
Toxoplasma gondii, Epstein-Barr virus, man 2936
Trichomonas vaginalis
 bacteria, *in vitro* 85
Enterococcus, mice 4355
Staphylococcus aureus, mice 4355
Trypanosoma congolense, *Haemonchus contortus*, n'dama, *Gambia* 4786
Trypanosoma cruzi, *Leishmania braziliensis*, man 4074
Trypanosoma evansi, *Clostridium perfringens*, dromedaries 4789

Interferon

- aerosols, *Pneumocystis carinii*, mice 863
Babesia bovis 3517
Cryptosporidium 658
Entamoeba histolytica 4843
in vitro 4429
Leishmania 2175, 3518
Leishmania donovani 337, 4413
 mice 2373
Leishmania infantum chagasi 3511
Leishmania infantum infantum 132, 4628
Leishmania major 136, 845, 1069, 1370, 1406, 3077, 4015
Leishmania tropica, man 1202, 4167
Plasmodium berghei 134, 3068
Plasmodium falciparum 145, 1373, 3072
 merozoites 3515
Plasmodium vivax 1418
Pneumocystis carinii 137, 3070, 3078
Theileria annulata 2190
in vitro, trophozoites 2687
Theileria parva, *in vitro*, trophozoites 2687
Toxoplasma gondii 1068, 1099, 1401, 1541, 4416, 4844
in vitro 1378

Interferon cont.

- Toxoplasma gondii* cont.
mice 338, 1545
- Trypanosoma brucei*, *in vitro* 637
- Trypanosoma cruzi* 139, 171, 668, 1763, 1765, 2678, 3974, 4428
- Trypanosoma musculi* 135

Interleukin 1

- Leishmania donovani* 2182, 4903
- Plasmodium berghei*, mice 3679
- Plasmodium cynomolgi* 3680
- Plasmodium falciparum* 3680
- Plasmodium yoelii* 2176
- Theileria annulata*, *in vitro*, trophozoites 2687
- Theileria parva*, *in vitro*, trophozoites 2687
- Toxoplasma gondii* 4844

Interleukin 2

- Giardia duodenalis* 3980
- Leishmania* 1784
- Leishmania amazonensis* 1381
- Leishmania donovani* 2721
- Leishmania major* 3077
- parasites 1361
- receptors, *Plasmodium falciparum* 4435
- Sarcocystis gigantea* 151
- Theileria annulata* 2190
- in vitro*, trophozoites 2687
- Theileria parva* 4586
- in vitro*, trophozoites 2687
- Trypanosoma congolense* 4472
- Trypanosoma cruzi* 1765, 2219, 3116
- Trypanosoma equiperdum* 4900
- Trypanosoma evansi* 1798
- Trypanosoma gambiense* 699
- Trypanosoma lewisi* 1103, 1782, 4838

Interleukin 3

- Leishmania amazonensis* 1381, 4203
- in vitro* 4203
- Trypanosoma cruzi* 4203
- in vitro* 4203

Interleukin 4

- Leishmania* 1784
- Leishmania major* 3077
- Plasmodium falciparum*, *in vitro* 3973

Interleukin 6

- Leishmania donovani* 2182
- Plasmodium falciparum* 850, 2694
- Plasmodium yoelii* 2176, 2178
- Toxoplasma gondii* 4844

Interleukin 10

- Leishmania major* 3077
- Trypanosoma cruzi* 2678

Interleukins (see also interleukin 2; interleukin 3; interleukin 4; interleukin 1; interleukin 6; interleukin 10; Interleukin 10)

- Leishmania donovani* 337
- Leishmania major* 136, 845, 4015
- Trypanosoma cruzi* 698, 2177, 2678, 4857
- in vitro* 4475
- Trypanosoma equiperdum* 4900

Intestinal absorption, *Giardia duodenalis* 781**Intestinal microorganisms**

- antiprotozoal agents 4207
- Giardia duodenalis*, man, interactions 3907

- metronidazole 4207

Intragenic recombinant, *Plasmodium falciparum* 1152**Iodamoeba buetschlii**

- HTLV-I, interactions 2127
- man 976
- Brazil 4294
- Jamaica 2127
- Kenya 14

Ion exchange, *Plasmodium berghei*, *in vitro* 4986**Ionophores**

- toxicity
- cattle 2896
- fowls 2896

Iprnidazole, drug residues, turkeys 4665**Iramin, *Eimeria* 1560****Iran**

- Babesia ovis*
- goats 862
- sheep 862

Iran cont.

- Cryptosporidium*
- man 2502
- sheep 2502
- Theileria annulata*, cattle 511

Iraq

- Eimeria*, cattle 515
- Glugea anomala*, *Carasobarbus luteus*, new geographic records 551
- Leishmania tropica*, man 29
- Myxobolus pfeifferi*, *Liza abu* 555
- Trichodina domerguei*
- Cyprinion macrostomum*, new records 551
- Liza abu* 555

- Trypanosoma evansi*, camels 4334

Iridium

- Leishmania donovani*
- in vitro* 5087
- mice 5087
- mode of action 5087

Iridoids, *Leishmania donovani*, *in vitro* 1922**Irish Republic**

- Babesia capreoli*, *Cervus nippon* 2665
- Bonamia ostreae*, *Ostrea edulis* 3443
- Sarcocystis*
- horses 2969
- sheep 501

Irradiated vaccines

- Plasmodium falciparum* 1773
- Plasmodium vivax*, sporozoites 4020

Irrigation

- Plasmodium* 2492
- transmission 4603-4604
- vector-borne diseases 3215
- environmental legislation 4606
- reviews 398
- transmission 4605

Isoelectric focusing, *Plasmodium yoelii* 641**Isoenzymes**

- Eimeria tenella* 4563
- Entamoeba histolytica* 240, 276, 1161, 3179, 3565, 4553
- Giardia duodenalis* 2289
- Hartmannella vermiformis* 949
- Leishmania* 1162
- Leishmania tropica* 1879
- Leishmania (Viannia)* 1882
- Naegleria fowleri* 1155
- Plasmodium falciparum* 1880
- Trichomonas vaginalis* 4982
- Trypanosoma* 767
- Trypanosoma brucei* 2286
- Trypanosoma carassii* 1878
- Trypanosoma cruzi* 2290, 3178, 4332, 4537

- Trypanosoma evansi* 4559
- Trypanosoma gambiense* 2284
- Trypanosoma pestanai* 1482

Isometamidium

- cattle, pharmacokinetics 2403, 2452
- drug residues
- animal tissues 2403
- meat 2405
- pharmacokinetics 2403-2404, 2452, 5085
- in vitro* 5085, 5089
- techniques, testing, drug resistance, *in vitro* 2454
- toxicity 2404
- rats 2405
- Trypanosoma*
- cattle 857, 2855, 5072
- goats 2356
- zebu 856

- Trypanosoma brucei*, drug resistance 881
- Trypanosoma congolense* 2055

- Africa, drug resistance 2392
- cattle 933
- drug resistance 358, 5089
- in vitro* 880

- in vitro* 2861
- mode of action 5085
- mice 933

- Somalia, drug resistance 2393, 5084
- Zambia, drug resistance 4642
- zebu 2361

Trypanosoma equiperdum

- drug resistance 2396
- in vitro* 2396
- mice 2396

Isometamidium cont.

- Trypanosoma evansi*
- drug resistance 2396
- in vitro* 2396
- mice 2396
- Trypanosoma vivax* 2055
- drug resistance 1240
- in vitro* 2455
- in vitro* 892, 1240
- Kenya, drug resistance 878
- Somalia, drug resistance 878
- zebu 1946

Isoprinosine, *Leishmania major*, mice 845**Isospora**

- Carduelis chloris*, pathology 1314
- cats 524, 3421
- Clethrionomys glareolus*, USSR 3008
- dogs 524, 3421
- Austria 1010
- Brazil 1012

foxes

- Denmark 2577
- Germany 1009
- human immunodeficiency virus
- man 1329
- Italy 2138

- immunocompromised hosts
- animals, immunotherapy 5038
- man

- immunotherapy 5038
- Korea Republic 4308

Isospora belli

- Cryptosporidium*, human immunodeficiency virus, man, France 2629
- human immunodeficiency virus
- interactions, mathematical models 2781
- man 92
- developing countries, reviews 4360
- drug therapy 2629
- France 4804
- prophylaxis, reviews 1921
- reviews 2131
- USA, reviews 3914

man

- Australia 2530
- drug therapy, reviews 1944
- reviews 10
- transmission, nosocomial infections 4352

Isospora bioccai, new species, *Carduelis sinica*, Italy 3057**Isospora canis**

- dogs
- experimental infections
- camel meat 4121
- sheepmeat 4121

Isospora chelydrae, new species, *Chelydra serpentina*, USA 588**Isospora clethrionomydis, *Clethrionomys glareolus*, Lithuania 3880****Isospora felis, cats, India 3872****Isospora gatifenensis, new species, *Pycnotus leucogenys*, Saudi Arabia 3481****Isospora hafoufenensis, new species, *Pycnotus leucogenys*, Saudi Arabia 3481****Isospora khobarensis, new species, *Pycnotus leucogenys*, Saudi Arabia 3481****Isospora mcquistioni, new species, *Carduelis sinica*, Italy 3057****Isospora ohioensis**

- dogs
- experimental infections
- rabbit meat 4121
- sheepmeat 4121
- rabbits, experimental infections 4121
- Isospora scinci*, new species, *Eumeces fascianus*, USA 3936

Isospora spilogaster, new species, *Mabuya spilogaster*, Namibia 4820**Isospora suis**

- development, *in vitro* 2012
- pigs
- experimental infections 2077
- immune response 3531
- pathology 205-206, 3561-3562, 4043
- USSR 1298

Isoxazolylnaphthoquinones, *Trypanosoma cruzi*, mice 4139

- Israel**
Caryospora colubris, *Coluber jugularis* 2010
Cryptosporidium, man 2944
Cryptosporidium parvum, man 2933
Entamoeba histolytica, man 1546, 2945
Giardia duodenalis, man 2945, 4835, 5066
Hepatozoon canis, dogs 3873
Leishmania, man 935, 1801
Leishmania major
 man, epidemiology 316
Phlebotomus papatasi 1518
 transmission 316
Plasmodium falciparum, man 2946
Plasmodium vivax, man 2946
Toxoplasma gondii, dogs 3873
- Italy**
Babesia canis, dogs 1017
Blastocystis hominis
 human immunodeficiency virus, man 2942
 man 2037, 2942
 coccidia, cattle 1002
Cryptosporidium
 cattle 2075-2076
 human immunodeficiency virus, man 3693
Perdix perdix 1027
 new host records 1027
Phasianus colchicus 1027
Endolimax nana, man 1669
Entamoeba histolytica
 man 1161
 pathogenicity 4553
Hepatozoon canis, *Leishmania infantum*
 infantum, dogs 1016
Hexamita meleagridis
Perdix perdix 1027
Phasianus colchicus 1027
Isospora biochai, new species, *Carduelis sinica* 3057
Isospora mcquistioni, new species, *Carduelis sinica* 3057
Leishmania
 dogs 1130, 1209, 2085
 human immunodeficiency virus, man 2634
 man 2047, 2550, 4292
 neoplasms, dogs 3037
Leishmania donovani, man 2525
Leishmania infantum infantum
Cryptococcus laurentii, dogs 3456
 dogs, epidemiology 1500
 man 1159
 epidemiology 1177, 1500
Plasmodium
 man 1213, 4302
 control 3238
 epidemiology 1171
Plasmodium falciparum
Anopheles, transmission 1906
 man 2503
 transmission 1906
Pneumocystis carinii
 human immunodeficiency virus, man 1045, 2144, 3473, 3915, 4359
 man 1046
 protozoa
Alburnus alburnella 1031
Capreolus capreolus 1001
 human immunodeficiency virus, man 2138
Sarcocystis
 buffaloes 4748
Ovis musimon 3497
Toxoplasma gondii
 cats 2998
 human immunodeficiency virus
 man 2615, 4143, 4359
 epidemiology 5003
 man 2048, 3796-3797, 3848, 4249
 control 2899
 epidemiology 2311
Trichomonas vaginalis
 arthritis, man 2558
 man 4449, 5042
 neoplasms, man 3908
Trypanosoma equiperdum, horses, epidemiology 1175
- Itraconazole**
Leishmania, man 1957, 3250
Leishmania donovani, human immunodeficiency virus, man 5062
- Ivazol**
Histomonas
 pheasants 1215
 turkeys 1215
Trichomonas
 pheasants 1215
 turkeys 1215
- Ivermectin**
Leishmania donovani
 hamsters 871
 mice 871
- Ixodidae**
Babesia, Zaire, transmission 2336
Theileria, Zaire, transmission 2336
- Jamaica**
Giardia duodenalis, man, epidemiology 477
Sarcomastigophora, man 2127
Toxoplasma gondii, man 2940
- Janacekia adipophila**, new species, *Ptychoptera paludosa*, Sweden 4375
- Japan**
Babesia gibsoni, dogs 3102
Balanitidum coli, *Macaca fascicularis* 4309
 coccidia, cattle 2078
Cryptosporidium
 fowls 3884
Rattus 3004
Eimeria gozaishoensis, new species, *Capricornis crispus swinhoei*, zoological gardens 3938
Entamoeba histolytica
 cats, new host records 2996
 man 3098, 3223, 3343
 epidemiology 805
Giardia, man 980
Giardia duodenalis, man 472
Hepatozoon canis, dogs 1708
Ichthyobodo, *Paralichthys olivaceus* 4344
Leishmania, man 980, 1195
Plasmodium, man 476, 980
Plasmodium falciparum, man 3099
Plasmodium vivax, man 3099
Pneumocystis carinii
 immunocompromised hosts
 man 3931
 treatment 3682
 protozoa, man 979
Tetratrichomonas microti, *Microtus montebelli* 531
Theileria sergenti
 cattle 1873
Haemaphysalis longicornis 1519
Toxoplasma gondii, cats 2083, 3193
Trichodina truttae, *Oncorhynchus keta*, new geographic records 2104
Tritrichomonas muris, *Microtus montebelli* 531
Tritrichomonas suis, pigs 1299
 tropical medicine, conferences 956
Trypanosoma, man 980
- Java**, *Trypanosoma evansi*, cattle 1006
- Jirds (laboratory)** (see *Meriones unguiculatus*)
- Johanssonia arcica**, *Trypanosoma murmanensis*, Canada, epidemiology 4615
- Jordan**
Entamoeba histolytica, man 4722
Giardia duodenalis, man 4722
Haemoproteus edomensis, new species, *Agama stellio* 2654
Haemoproteus pyodactyli, new species, *Pyodactylus hasselquistii* 2654
Leishmania major 1370
Sarcocystis, dogs 1496
- Kala azar** (see *Leishmania donovani*)
- Kaposi's sarcoma**
Entamoeba histolytica, human immunodeficiency virus, man 4806
 parasites, human immunodeficiency virus, man 4806
- Karyolysus**, *Mabuya striata*, Kenya, new geographic records 1340
- Karyolysus poleensis**, new species, *Mabuya striata*, Kenya 1340
- Karyotypes**
Blastocrithidia 1876
Giardia duodenalis 4835
Leishmania braziliensis 1870
Leishmania tarentolae 1869
Leptomonas 1876
Plasmodium berghei 2165
Plasmodium falciparum 1757
Proteomonas 1876
- Kassina maculata**
Zelleriella garlandi, new species, South Africa 107
Zelleriella sandoni, new species, South Africa 107
- Kassina senegalensis**, *Zelleriella sandoni*, new species, South Africa 107
- kDNA**, *Trypanosoma cruzi*, staining 2464
- Kenya**
Anopheles arabiensis 2321
Babesia
 cattle 1004
 livestock 1293
Blastocystis hominis, man 14
Eimeria
 cattle 1005
 goats 1005, 4314, 4317
 sheep 1005, 4317
Entamoeba histolytica, man 22
Giardia duodenalis, man 22, 1275, 2909
Glossina
 control 2442
 history 1180
Glossina pallidipes, control 3324
Haematractidium omogoi
 new species
Agama agama 1340
Mabuya striata 1340
Haemoproteus mungutii, new species, *Agama agama* 1340
Karyolysus, *Mabuya striata*, new geographic records 1340
Karyolysus poleensis, new species, *Mabuya striata* 1340
Leishmania
 goats 2564
 man 340
Leishmania donovani
 man 1625, 3809
 epidemiology 4106
Leishmania major, man 1625
Leishmania tropica
 man, epidemiology 319
Phlebotomus, transmission 319
Pirhemocytus kongelaiensis, new species, *Mabuya striata* 1340
Plasmodium
Agama agama 1342
Mabuya striata 1342
 man 2850, 4212
 epidemiology 2321, 4106, 4603
Plasmodium adunyinkai, new species, *Mabuya striata* 1341
Plasmodium bowiei, new species, *Mabuya striata* 1341
Plasmodium falciparum
Anopheles 1515
 transmission 3659
 drug resistance
 amodiaquine 5039
 chloroquine 354, 3284, 4163, 5039
 chloroquine-resistance 2868
 pyrimethamine sulfadoxine 354
 man 22, 866, 1410, 2038, 2503, 4858
 epidemiology 3659
Plasmodium gloriati, new species, *Mabuya striata* 1341
Plasmodium icipeensis, new species, *Mabuya striata* 1341
Plasmodium kachelibaensis, new species, *Mabuya striata* 1341
Plasmodium kadogoi, new species, *Mabuya striata* 1341
Plasmodium kaninii, new species, *Mabuya striata* 1341
Plasmodium kyaii, new species, *Agama agama* 1341
Plasmodium odhiamboi, new species, *Mabuya striata* 1341
Plasmodium sapaensis, new species, *Mabuya striata* 1341

Kenya cont.

- reports, International Laboratory for Research on Animal Diseases 3363
 - Sarcomastigophora, man 14
 - Sauroplasma kachelibaensis*, new species, *Mabuya striata* 1340
 - Schellackia, Mabuya striata*, new geographic records 1340
 - Schellackia mabuyai*, new species, *Mabuya striata* 1340
 - Theileria*
 - cattle 504, 1004
 - livestock 1293
 - Theileria parva*
 - cattle 679-684, 691
 - control 4019, 5071
 - Toxoplasma gondii*, human immunodeficiency virus, man 2174
 - Trichomonas vaginalis*, man 22
 - Trypanosoma*
 - camels 536
 - cattle, control 5072
 - zebu 856
 - control 2442
 - Trypanosoma brucei*
 - camels 2282
 - cattle
 - control 3324
 - epidemiology 4552
 - man, epidemiology 4552
 - Trypanosoma congolense*, cattle 2055
 - Trypanosoma evansi*
 - camels 4559
 - epidemiology 2303
 - Trypanosoma rhodesiense*, man 851, 4867
 - Trypanosoma simiae*, *Glossina* 831
 - Trypanosoma vivax*
 - cattle 2055
 - drug resistance
 - homidium 878
 - isometamidium 878
 - quinapyramine 878
 - trypanotolerance, boran, breeding 879
- Ketoconazole**
- Leishmania*, man 340, 3689
 - Leishmania major*, man 4154
 - mefloquine, interactions, *in vitro* 3300
 - toxicity, man 3689
 - Trypanosoma cruzi*, mice 3694
- Keys**
- Ciliophora 594
 - Flabelliforma* 1345
 - Sarcomastigophora 594
- Kidney transplant**
- Leishmania donovani*, immunocompromised hosts, man 3928
 - Toxoplasma gondii* 1331
 - Trypanosoma cruzi* 1331
- Kinetics**
- Acanthamoeba* 4920
 - Plasmodium berghei*, *Anopheles* 1524
- Kinetoplast DNA**
- Leishmania* 437
 - Leishmania amazonensis* 4967
 - Leishmania infantum infantum* 4978
 - Trypanosoma cruzi* 3171, 4537, 4965
 - Trypanosoma equiperdum* 2762
 - Trypanosoma evansi* 2280, 2762
- Kinetoplastida**
- evolution 730
 - glycosomes 730
 - molecular genetics 2270
- Kinorhynchosporea japonica**, new genus, new species, *Kinorhynchus yushini*, Sea of Japan 3941
- Kinorhynchus yushini**, *Kinorhynchosporea japonica*, new genus, new species, Sea of Japan 3941
- Klossiella equi**, horses, Panama, new geographic records 4311
- Knob protein**, *Plasmodium falciparum* 4582, 4966
- Knowledge level**
- Glossina morsitans morsitans*, man, Zambia 3645
 - Trypanosoma*, man, Zambia 3645
- Kobus ellipsiprymnus**
- Trypanosoma congolense* 819
 - pathogenicity 719

- Kobus leche*, coccidia, UK, zoological gardens 3399
- Koktsikol, Eimeria**, sheep 1945
- Korea Republic**
 - Cryptosporidium*
 - livestock 3894
 - rodents 3894
 - Cryptosporidium muris*, mice 3876
 - Isospora*, immunocompromised hosts, man 4308
 - Plasmodium vivax*, man, reviews 3647
 - protozoa, man, epidemiology 30
- Kudoa**
 - Morone americana*
 - histopathology 3888
 - USA 3888
- Kudoa stellula*, new species, *Atherina hepsetus*, Black Sea 1347
- Kudoa thyrsites*, *Coryphaena hippurus*, pathology 1316
- Kuwait**
 - Blastocystis hominis*, man 1277
 - Cryptosporidium*, man 89
 - Leishmania*, man 3250
 - Plasmodium*, man 4728
- L-651,582**
 - Eimeria tenella*, *in vitro*, mode of action 3732
 - mode of action 3732
 - Toxoplasma gondii*, *in vitro*, mode of action 3732
- Laboratory methods**, medical parasitology, books 3783
- Labridae, Trichodina**, fish farms 65
- Lactation**, *Trypanosoma cruzi*, mice 1811
- Lactobacillus*, *Trichomonas vaginalis*, interactions, *in vitro* 85
- Lactose**
 - malabsorption
 - Entamoeba histolytica*, man 3382
 - Giardia duodenalis*, man 3382
- Lagopus mutus*, *Eimeria*, France 1311
- Lama glama*, *Eimeria*, USA, new host records 1026
- Lambornella clarki*
 - Aedes albopictus*, development 4778
 - Aedes sierrensis*
 - host parasite relationships 4780
 - USA 1720, 2601, 4779
- Lampit** (see nifurtimox)
- Lamprodelis getula holbrooki*, *Sarcocystis montanaensis*, USA 2485
- Lamprotornis purpureus*, protozoa, Austria 4769
- Lankesterella**
 - birds, Ethiopia, checklists 4338
 - Carduelis chloris*, pathology 1314
 - Leucopsar rothschildi*, pathology 1710
 - ultrastructure 1710
- Lankesterella hylae*, *Litoria caerulea*, Australia 64
- Lao**, protozoa, man 2535
- Lapemis hardwickii*, *Blastocystis lapemi*, new species, South China Sea 1750
- Lariam** (see mefloquine)
- Larimerensis*, *Spermophilus elegans*, USA, new host records 2581
- Lasalocid**
 - cattle 3274, 3316
 - drug residues, lambs 393
 - Eimeria*, cattle 1923
 - Eimeria mitis*, fowls 5044
 - Eimeria tenella*
 - embryos 377
 - fowls 4634, 5044
 - sheep 4189, 5113-5114
 - T-2 toxin, interactions 5044
 - toxicity, embryos 377
- Lasers**
 - irradiation, *Pneumocystis carinii*, mice 2822
 - Leishmania*, man 4639
- Lasioderma serricorne*, *Nosema*, experimental infections 4346
- Latex agglutination test**
 - Babesia bovis* 2206
 - Toxoplasma gondii* 1084, 3534, 3536, 4001, 4878-4880
 - Trypanosoma evansi* 3536
 - Trypanosoma gambiense* 4864
 - Trypanosoma rhodesiense* 4864

Latin America

- aquaculture, bibliographies 963
- tropical medicine, teaching 4273
- Trypanosoma cruzi*, man, reviews 2119
- Lechriopyla mystax*, ultrastructure, mitochondria 4391
- Lectins**
 - Anopheles* 3216
 - Entamoeba histolytica* 1777, 2778, 3548, 3640
 - reviews 2758
 - Giardia duodenalis* 1168
 - Leishmania* 4937
 - Leishmania donovani* 4928
 - Leishmania infantum chagasi* 286
 - Myxozoa, rainbow trout 2232
 - PKX, rainbow trout 2232
 - Pneumocystis carinii* 729
 - protozoa 752, 1777
 - Sarcocystis gigantea* 151
 - Trypanosoma cruzi* 1158, 4635
 - Trypanosoma rangeli* 1158
- Legionella pneumophila**
 - free living amoebae, interactions, reviews 3035
 - Hartmannella vermiformis*, water 949
- Leiocephalus barahonensis*, *Eimeria leiocephali*, new species, Haiti 1050
- Leishmania**
 - animals, diagnosis, reviews 2606
 - antiprotozoal agents, mode of action, reviews 4942
 - bacteria, man, interactions 1729
 - cats 3416
 - chemotaxonomy 1162
 - children, symptomatology 3815
 - codons 4066
 - cytochemistry 3592
 - DNA 258, 745
 - DNA amplification, reviews 3167
 - DNA probes 437
 - dogs 3416
 - Brazil 4324
 - control 4131
 - drug therapy 1209
 - epidemiology, mathematical models 5001
 - Germany 2992
 - immune response 4863
 - Italy 1130, 2085
 - Spain 1011
 - treatment 5073
 - drug therapy 5104
 - enzymes 4940
 - espintanol, *in vitro* 1577
 - genetic regulation, macrophages 1387
 - goats, Kenya 2564
 - human immunodeficiency virus
 - man 582
 - Belgium 4365
 - France 3926, 4804
 - general account 3475
 - Guinea-Bissau 2134
 - Italy 2634
 - reviews 1737, 2046
 - immune response, reviews 3986
 - immunochemistry 1252
 - immunocompromised hosts
 - man
 - immunological deficiency 87
 - reviews 2046
 - immunology 606, 609
 - lectins 752
 - Lutzomyia*, transmission, reviews 3212
 - Lutzomyia whitmani*, Paraguay 4607
 - macrophages, host parasite relationships 782, 2783
 - mammals, host parasite relationships, reviews 4997
 - man 7
 - Algeria 2532
 - control 4234
 - Belgium, transmission 2522
 - Brazil 974, 2035, 4307
 - control 4131
 - Central America 3895
 - China, reviews 1035
 - control, reviews 323
 - diagnosis 421, 4266, 4686
 - reviews 2606, 4256

Leishmania *cont.*

- man *cont.*
 - drug therapy 335, 340, 860, 1195, 1201, 1557, 2047, 3250, 3689, 4142, 4218, 5040
 - reviews 2374
- epidemiology 3215, 4596
 - urban development 5004
- France 2044
 - drug therapy 1957
- global prevalence 4589
- immune response 1075, 2175, 3518, 4431
- immunity, reviews 4011
- immunodiagnosis 1090, 2202, 4875
 - reviews 4256
- India 3798
 - epidemiology 1896, 3649
- Italy 2047, 2550, 4292
- Japan 980, 1195
- Kenya 340
- Libya 2552
- Morocco 3823
- Netherlands 986, 2949
- Nigeria 1668
- pathology 4905
- reviews 2119
- rural development 2322
- Saudi Arabia 1283, 3811
- South America 953
- Sudan
 - epidemiology, reviews 787
 - transmission 2932
- Syria, epidemiology 3425
- transmission 4124
- transplacental transmission 2932
- treatment 340, 1195, 4639
- Tunisia 3815
 - zoonoses 2341
- USSR 2555
 - epidemiology 3200
- metronidazole, *in vitro*, promastigotes 3683
- mice
 - immune response 138
 - resistance, reviews 170
- molecular biology, reviews 1875
- molecular genetics 757, 760
 - reviews 2605
- neoplasms, dogs, Italy 3037
- pathogenicity, reviews 1875
- Phlebotomus*
 - India, transmission 1896
 - Mediterranean Countries 1162
 - transmission, mathematical models 5001
- polymerase chain reaction, DNA amplification 2564
- proteins 4088
- purines, analogues, reviews 4649
- ribosomal RNA 3603
- sodium stibogluconate, *in vitro*, promastigotes 3683
- South America, conferences 5156
- sterols 738
- techniques, staining, phagocytosis 3968
- transmission, human activity 3663
- trypanothione 4503, 5104
- trypanothione reductase 4942
- viruses, RNA 4948

Leishmania aethiopica

- antigens 3079
- chemotaxonomy 1481
- culture techniques 1481
- enzymes, heat shock, promastigotes 3596
- genes 254
- glycoproteins 254
- heat shock proteins 254

man

- immunity 2713
- immunodiagnosis 1801
- Israel 1801

mice, pathogenesis 2238*Phlebotomus pedifer*, Ethiopia 1862, 5021

promastigotes, heat shock 3596

techniques, detection 1862

tubulin 254

Leishmania amazonensis

- amphotericin B, *in vitro*, mode of action, amastigotes 2412

Leishmania amazonensis *cont.*

- antigens 1789
- Cebus apella*, pathology 1292
- chemotaxonomy 194
- cytokines, *in vitro* 4203
- drug resistance 4967
- enzymes 1139
- genes 254, 1874, 4958
- glycoproteins 233, 254
- heat shock proteins 254
- interleukin 3, *in vitro* 4203
- kinetoplast DNA 4967
- life history 2412
- Lutzomyia flaviscutellata*, Brazil, transmission 2031
- Lutzomyia longipalpis*
 - identification 823
 - susceptibility 812
- macrophages
 - cytokines 4203
 - immune response 4203
 - in vitro* 3971
- man**
 - Brazil 1, 194, 1768, 2031
 - drug therapy 1, 2031
 - French Guiana, losses 2125
 - immune response 1768, 2186
 - immunodiagnosis 1092
 - symptomatology 194
- meclumine antimonate, *in vitro* 2420
- mice
 - immune response 1381
 - resistance 1405, 2716
- pentenoate, *in vitro*, mode of action, amastigotes 2412
- sodium stibogluconate, *in vitro*, mode of action, amastigotes 2412
- surface antigens 1768
- transcription 1874
- tubulin 254

Leishmania braziliensis

- antigens 4402-4403
- Callithrix penicillata*
 - immunity 4459
 - metastasis 1684
- Cebus apella*, pathology 1292
- chemotaxonomy 194, 1481
- culture techniques 1481
- dogs, Brazil, transmission 2314, 4612
- genes 254
- glycophospholipids 1857
- glycoproteins 254, 1870
- heat shock proteins 254
- horses, Brazil, transmission 2314
- Lutzomyia*, Brazil, transmission 4612
- Lutzomyia longipalpis*, susceptibility 812
- Lutzomyia migonei*, Brazil 814
- Lutzomyia ovallesi*
 - Guatemala 3665
 - transmission 816
- Lutzomyia wellcomei*, Brazil 822

man

- antigens 4074
- Brazil 194
 - epidemiology 814, 822, 1531, 2314, 4612
- Colombia, epidemiology 2315
- diagnosis 4074
- drug therapy 4653, 5058
- Guatemala, epidemiology 3665
- immune response 1857
- immunity 3543
- immunization 4403
- immunodiagnosis 1092, 4402-4403
- immunopathology 1417
- Paraguay, epidemiology 1894
- Peru 5058
- Venezuela, epidemiology 816
- meclumine antimonate, *in vitro* 2420
- mice, experimental infection 419
- Trypanosoma cruzi*
 - man, interactions 4074
- Saimiri sciureus*, immune response 128
- tubulin 254
- viruses, interactions, reviews 3034

Leishmania chagasi

- chemotaxonomy 4555
- dogs, Brazil 1502
- Lutzomyia longipalpis*, Brazil 1502

Leishmania chagasi *cont.*

- man
 - Brazil, epidemiology 1502
 - immune response 3523
 - immunity 3523
- Leishmania deanei*, man, immunodiagnosis 1092
- Leishmania donovani**
 - Aedes aegypti*, development 5019
 - amino acids, metabolism 3138
 - antigens 1767, 3509
 - basic fibroblast growth factor 3577
 - benzimidazoles, derivatives, *in vitro* 4193
 - carbohydrates 4928
 - catabolism, tryptophan, *in vitro* 3591
 - cell membranes 4052
 - chemotaxonomy 771, 1481, 4555
 - culture techniques 417-418, 1481, 3331
 - dehydroepiandrosterone 884
 - dipyridamole, *in vitro* 3253
 - DNA 1464
 - dogs, immunodiagnosis 4443
 - doxorubicin, *in vitro* 4656
 - enzymes 739, 1854-1855, 4061, 4524
 - promastigotes 4515
 - folic acid 234
 - gene amplification 4077
 - genes 254
 - ornithine decarboxylase 3173
 - glycophospholipids 1857
 - glycoproteins 254, 4962
 - glycosides, *in vitro* 1922
 - growth, *in vitro* 2754
 - hamsters
 - diagnosis 5134
 - drug therapy 871, 899, 1922, 2852, 3729
 - haematology 4501
 - host parasite relationships 299, 3191
 - immune evasion 2221
 - immune response 1823
 - immunopathology 2721
 - immunostimulation 3114
 - immunosuppression 2721
 - pathology 3556
 - hamycin, *in vitro*, mode of action 5102
 - heat shock proteins 254
 - human immunodeficiency virus
 - drug therapy 3935, 5062
 - France, epidemiology 2795
 - Germany 3935
 - reviews 4814
 - Spain 3040-3041, 3810, 3911
 - immune evasion 620
 - immune response 636
 - in vitro* 3513
 - immunocompromised hosts
 - man**
 - India 3928
 - kidney transplant 3928
 - India, drug resistance, sodium stibogluconate 1566
 - iridium, *in vitro* 5087
 - iridoids, *in vitro* 1922
 - lectins 4928
 - lipophosphoglycan 3149, 3160
 - lymphokines, *in vitro* 1377
 - macrophages
 - ammonium chloride, *in vitro* 4938
 - dextran, *in vitro* 4938
 - host parasite relationships 2301, 4988
 - in vitro* 1377
 - methylamine, *in vitro* 4938
 - man**
 - China
 - control 3903
 - epidemiology 5029
 - epidemiology 3903
 - diagnosis 935, 1625
 - drug therapy 330, 1238, 1493, 1566, 1950, 2851, 2952, 4627
 - France, epidemiology 2795
 - haematology 3557
 - immune complexes 4856
 - immune response 1371, 1857, 2182, 4413, 4840, 4861
 - immunodiagnosis 330, 1801, 2700, 4840, 4870-4871
 - India 1566, 2036, 2919, 3381, 3387, 4305

Leishmania donovani cont.

- man cont.
 - India cont.
 - epidemiology 2796, 3648, 4105
 - Israel 935, 1801
 - Italy 2525
 - Kenya 1625, 3809
 - epidemiology 4106
 - Pakistan 28
 - pathology 36, 3556-3557
 - Saudi Arabia 34, 2951
 - Spain 2524, 2941
 - Sudan 13, 36, 965, 2952
 - epidemiology 1493, 4610
 - Turkey 2506
 - USA, military personnel 3802
 - Yemen 33
 - membrane potential
 - amastigotes 3632
 - promastigotes 3632
 - messenger RNA 270
 - metabolism 2750
 - mice
 - drug therapy 337, 864, 871, 1226, 1929, 3253, 4194, 4627, 4656, 5087
 - immune response 4903
 - immune response 642
 - sodium stibogluconate 4903
 - immunization 695
 - immunology 337
 - immunosuppression 696
 - immunotherapy 2373
 - pathology 3556
 - prophylaxis 1929
 - susceptibility 670
 - molecular genetics, drug resistance, vinblastine 4077
 - nitrobenzylthioinosine, *in vitro* 3253
 - nucleic acids, genes, cloning 4535
 - nucleosides 244
 - nucleotide sequences 1464, 1477
 - Phlebotomus*, diagnosis 5134
 - Phlebotomus argentipes*, development 2808
 - Phlebotomus orientalis*, Sudan, transmission 4610
 - Phlebotomus papatasi*, development 2808
 - phosphatidylinositols 3580
 - phosphoglycans 3156
 - phospholipids 735
 - physiology 4093, 4565
 - platinum, *in vitro* 5087
 - polymerase chain reaction 4077
 - Presbytis entellus*
 - experimental infection 4736
 - haematology 1686
 - proline, uptake, amastigotes 3573
 - proteins 2301
 - rhodium, *in vitro* 5087
 - sinefungin 2870
 - in vitro* 2876
 - sphingophospholipids 1442
 - T lymphocytes, *in vitro* 1767
 - techniques, cryopreservation, promastigotes 5127
 - tubercidin, *in vitro* 3253
 - tubulin 254
 - ureastibamine, *in vitro*, mode of action 899
- Leishmania enrietti**
 drug resistance, sodium stibogluconate 882
 lectins 4937
- Leishmania enriettii**
 gene expression 4078
 genes 254
 glycoproteins 254
 heat shock proteins 254
 recombination 3165
 tubulin 254
- Leishmania garnhami**, antigens 1789
- Leishmania gerbilli**
 chemotaxonomy 4560
Meriones lybicus, USSR 2316
Rhombomys opimus, USSR 2316
- Leishmania guyanensis**
 antigens 1789
 chemotaxonomy 1481
 culture techniques 1481
 double stranded RNA virus 3624, 4542

Leishmania guyanensis cont.

- genes 254
- glycoproteins 254, 4084
- hamsters, metastasis 1310
- heat shock proteins 254
- Lutzomyia longipalpis*
 - identification 823
 - susceptibility 812
- man
 - French Guiana, losses 2125
 - pathogenesis 2739
 - meglumine antimonate, *in vitro* 2420
 - single stranded RNA virus 3624
 - tubulin 254
- Leishmania hertigi**, man, immunodiagnosis 1092
- Leishmania infantum**, man, Portugal, epidemiology 314
- Leishmania infantum chagasi**
 chemotaxonomy 194
 host parasite relationships, promastigotes 286
- Lutzomyia longipalpis*
 - development 4269
 - susceptibility 812
- man
 - Bolivia 4304
 - Brazil 194
 - immune response 3511
 - nucleotide sequences 2276
 - Trypanosoma cruzi*, man, cross immunity 1375
- Leishmania infantum infantum**
 antigens 1081
 cell lines, infectivity 1169
 chemotaxonomy 1157, 1159-1160, 1480, 4555
- Cryptococcus laurentii*, dogs, Italy 3456
- diagnosis 4978
- DNA libraries 1877
- dogs
 - France 52, 1013
 - immune response 48, 1080
 - immunodiagnosis 1094
 - immunotherapy 1211
 - Italy, epidemiology 1500
 - Malta 1157
 - epidemiology 5000
 - Morocco 1705
 - pathology 704
 - Portugal, epidemiology 791
 - Syria 3425
- Hepatozoon canis*, dogs, Italy 1016
- host parasite relationships
 - adherence 2468
 - in vitro* 1169, 4991
- human immunodeficiency virus
 - man
 - diagnosis 3934
 - drug therapy 4628
 - France 3471, 3934
 - immunotherapy 4628
- man
 - France 132
 - immunodiagnosis 160
 - immunological deficiency 132
 - Italy 1159
 - epidemiology 1177, 1500
 - Malta 1157
 - epidemiology 313
 - Tunisia 2556
 - cutaneous leishmaniasis 1480
- mice, immune response 4432
- molecular karyotypes 2667
- Phlebotomus*, Egypt, transmission 4126
- Phlebotomus ariasi*, Portugal, transmission 314
- Phlebotomus langeroni*
 - hybridization 2327
 - susceptibility 4126
- Phlebotomus papatasi*, susceptibility 4126
- Phlebotomus perniciosus*
 - Malta 1157
 - transmission 313
 - primaquine, *in vitro* 4195
 - proteins 4054
 - recombinant DNA 1877
 - retinoids, *in vitro*, mode of action 2872

Leishmania lainsoni

- Agouti paca*, Brazil, new host records 3009
- Lutzomyia ubiquitalis*, Brazil 825
- man
 - Brazil, epidemiology 825
 - immunodiagnosis 1092
- Leishmania major**
 antigens 1081, 2185
 carbohydrate metabolism 230
 cell lines, infectivity 1169
 chemotaxonomy 1481, 1881, 4560-4561
 culture techniques 1481
 DNA 4972
 - transfection 3614
- drug resistance
 - antimony 2397
 - arsenicals 2397
- energy metabolism 1438
- enzymes 1440, 4055, 4065
- fatty acids, oxidation 724
- gene exchange 1453
- gene expression, metacyclic promastigotes 4544
- gene transfer 4968
- genes 254, 1874
- glycoproteins 254, 2397, 4065
- heat shock proteins 254
- host parasite relationships
 - adherence 2468
 - in vitro* 1169, 4991
- immune response 635, 1388
- leukocytes, *in vitro* 701
- life history 4270
- lipophosphoglycan 3155
- macrophages, *in vitro* 3972
- man
 - diagnosis 1625
 - drug therapy 4148, 4154
 - Ecuador, epidemiology 301
 - Egypt 1881
 - military personnel 2528
 - France 3826
 - immune response 1370
 - immunodiagnosis 1801
 - Israel 1801
 - epidemiology 316
 - Kenya 1625
 - Mauritania 4561
 - Sri Lanka 29
 - Syria, new host records 3393
 - USA, military personnel 3802
 - USSR, epidemiology 2316
- Meriones lybicus*, USSR 2316
- metabolism 2750
- mice
 - drug resistance, paromomycin 844
 - drug therapy 844-845, 4621
 - histopathology 1120
 - immune response 845, 1069, 3077, 3505
 - immunity 3505
 - ultraviolet radiation 4456
 - immunotherapy 136, 849, 1784
 - pathogenesis, ultraviolet radiation 4456
 - resistance 1406
 - susceptibility 4015
- Phlebotomus*, Egypt, transmission 4126
- Phlebotomus langeroni*
 - hybridization 2327
 - susceptibility 4126
- Phlebotomus papatasi*
 - Algeria 4117
 - development 1453
 - Egypt 1881
 - host parasite relationships 1440
 - Israel 1518
 - transmission 316
 - lipophosphoglycan 3572
 - susceptibility 4126
- physiology, osmolality 772
- polyisobutylcyanoacrylate nanoparticles, *in vitro* 1990
- proteins 4054
- Rhombomys opimus*
 - USSR 2316
 - virulence, reviews 1827
- tetracyclines, *in vitro* 3293
- Toxoplasma gondii*, mice, interactions 1120

- Leishmania major** *cont.*
transcription 1874
tubulin 254
virulence 4270
- Leishmania mexicana**
amphotericin B, *in vitro*, mode of action, amastigotes 2412
antigens 1789
 α -difluoromethylornithine, *in vitro* 2422
dipyridamole, *in vitro* 3253
DNA, recombination 2766
dogs, Ecuador 301
enzymes 2261, 3154, 4522
glycophospholipids 1857
glycosylphosphatidylinositol 4934
hamsters, pathogenesis 1833
life history 2412
lipophosphoglycan 3150
Lutzomyia ayacuchensis, Ecuador 301, 1516
Lutzomyia longipalpis
identification 823
susceptibility 812
Lutzomyia orestes, experimental infections 807
macrophages
ammonium chloride, *in vitro* 4938
dextran, *in vitro* 4938
methylamine, *in vitro* 4938
- man**
Brazil 1285
drug therapy 1285
Ecuador, epidemiology 301, 1516
immune response 1857
immunodiagnosis 1092
Mexico, control 4133
- mice**
immunotherapy 1784
resistance 2709
nitrobenzylthioinosine, *in vitro* 3253
pentenoate, *in vitro*, mode of action, amastigotes 2412
sodium stibogluconate, *in vitro*, mode of action, amastigotes 2412
tubercidin, *in vitro* 3253
- Leishmania naiffi**
Dasypus novemcinctus, Brazil 4333
Lutzomyia, Brazil 825
- man**
Brazil 4333
immunodiagnosis 1092
monoclonal antibodies 1393
Psychodopygus squamiventris, Brazil 4333
- Leishmania panamensis**
antigens 2695
chemotaxonomy 1481
culture techniques 1481
drug resistance, sodium stibogluconate 882
genes 254
glycoproteins 254
hamsters
drug therapy 1544
metastasis 1310
pathology 1544
heat shock proteins 254
- man**
Colombia, epidemiology 2315
drug therapy 331, 3698
Phlebotomus papatasi, infection, refractoriness 3658
Trypanosoma cruzi, *Saimiri sciureus*, immune response 128
tubulin 254
- Leishmania pifanoi**
antigens 615
biochemistry 238
molecular genetics 238
- Leishmania shawi**
chemotaxonomy 3390
- man**
Brazil
new host records 3390
new records 3390
- Leishmania tarentolae**
enzymes 3147
genes 2760
karyotypes 1869
nucleotide sequences 2760
RNA editing 750
- Leishmania tropica**
chemotaxonomy 1879
cyclosporins, *in vitro* 1227
dogs
India, zoonoses 3230
Morocco 1705
Syria 3425
genes 254
glycoproteins 254
heat shock proteins 254
- man**
diagnosis 935
drug therapy 1202, 4167
immune response 3799
immunotherapy 1202, 4167
India 3799
zoonoses 3230
Israel 935
Kenya, epidemiology 319
Morocco, epidemiology 1879
Sri Lanka 29
treatment 5048
USA, military personnel 3802
Phlebotomus, Kenya, transmission 319
Phlebotomus sergenti, Morocco 1520
tubulin 254
- Leishmania turanica**
chemotaxonomy 4560
Meriones lybicus, USSR 2316
Rhombomys opimus, USSR 2316
- Leishmania venezuelensis**
Lutzomyia trinidadensis, Venezuela 813
man, Venezuela, epidemiology 813
- Leishmania (Viannia)**, chemotaxonomy 1882
- Leishmanins**
Leishmania infantum infantum 1081
Leishmania major 1081
- Lepadogaster candollei**, *Myxidium pulchrum*, new species, Black Sea 1347
- Leptomonas**
chemotaxonomy 4558
DNA 1876
karyotypes 1876
Lutzomyia, Colombia 2801
- Leptomonas collosoma**, RNA 1479
- Leptomonas mycophilus**
culture techniques 1333
new species, *Phytocoris*, USSR 1333
- Leptomonas rigidus**, new species, *Salda littoralis*, USSR 2150
- Leptomyxidae**
- man**
diagnosis, reviews 4271
histopathology, reviews 4271
- Leptopelis mossambicus**, *Zelleriella sandoni*, new species, South Africa 107
- Lepus europaeus**, *Eimeria*, Turkey, new records 532
- Lerbek** (see clopidol nequinat; drug combinations, clopidol, nequinat)
- Lesioderma sericorne**, *Microsporidium lesiodermi*, new species, India 3487
- Lethal dose**, statistical analysis 3327
- Leuciscus cephalus**, *Goussia janae*, new species, Czechoslovakia 591
- Leuciscus leuciscus**, *Goussia janae*, new species, Czechoslovakia 591
- Leucocytozoon**
aviary birds, UK 63
birds
Ethiopia, checklists 4338
South Africa, epidemiology 3436
Buteo buteo, UK 63
fowls, susceptibility 2588
poultry 1714
- Leucocytozoon caulleryi**
fowls
immunization 4469
life history
merozoites 3764
schizonts 3764
resistance 4454
- Leucocytozoon lovati**, *Tetrao tetrix*, sexual selection 4097
- Leucocytozoon neavei**, *Numida meleagris*, South Africa 2093
- Leucocytozoon simondi**, *Anatidae*, Canada 4339
- Leucopar rothschildi**, *Lankesterella*, pathology 1710
- Leukaemia**, *Pneumocystis carinii*, man, remission 4799
- Leukocytes**
antigens, *Plasmodium falciparum* 3544
Babesia equi 2215
Leishmania major, *in vitro* 701
Pneumocystis carinii 3526
Theileria annulata
enzymes 2724
phosphoproteins 2724
Trypanosoma congolense, cattle 2169
- Leupectin**
mode of action 379
Plasmodium falciparum, *in vitro*, mode of action 379
- Levamisole**
Leishmania, man 340
Leishmania donovani
hamsters 871
mice 871
- Levinia agriocnema**, new genus, new species, *Agriocnemis pygmaea*, India 1051
- Liberia**
Plasmodium, man 4291
Plasmodium falciparum
drug resistance, chloroquine 5080
man 1153, 3955, 3958
Trypanosoma
dogs 767
Glossina 767
man 767
pigs 767
- Libya**, *Leishmania*, man 2552
- Life history**
Aggregata 1032
Amblyospora dyxenoides 3760
Amblyospora trinus 592
Ascogregarina chagasi 1762
Blastocystis hominis 108
Bonamia 2486
Caryospora colubris, *Coluber jugularis* 2010
Coelosporidium periplanetae 3489
Eimeria coecicola, rabbits 443
Eimeria danailovi 3354
Eimeria maxima 2923
Eimeria vanasi, merogony 2159
Haemogregarina balli, *Placobdella ornata* 944
Henneguya 948
Leishmania amazonensis 2412
Leishmania major 4270
Leishmania mexicana 2412
Leucocytozoon caulleryi
fowls
merozoites 3764
schizonts 3764
Microsporidium lesiodermi 3487
Myxobolus pavlovskii 1261
Perkinsus 590
Plasmodium 446, 570, 2482-2483
birds 2925
Plasmodium berghei, *in vitro* 3765
Plasmodium cynomolgi 2009
Plasmodium falciparum 2009
Plasmodium vivax 1885, 2009
protozoa 294
Sarcocystis hirsuta 923
Sarcocystis miescheriana 5144
Sarcocystis montanaensis 2485
Sarcocystis ovifelis 3355
Sarcocystis simonyi 2653
Schellackia agamea, *Agama stellio* 3496
Sphaerospora renicola 1260
Theileria annulata 3761
in vitro 2014
Theileria parva 3762
Toxoplasma gondii 1632
Trypanoplasma borreli, carp 5143
Trypanosoma 3372, 4696
Trypanosoma brucei 1633
Trypanosoma cruzi 945, 4697
Trypanosoma evansi 2008
Trypanosoma phaleri 5142
Trypanosoma punctati, *Channa punctatus* 67
Tuzetia schneideri 445
Vairimorpha necatrix 4386
Vampyrophrya pelagica 4699
- Ligands**, *Plasmodium* 4100

- Limnephilus centralis*, *Tardivesicula duplicata***, new genus, new species, Sweden 2658
- Limnodrilus hoffmeisteri***
Bacillidium strictum, Sweden 4388
Echinactinomyxidium, Sweden 4388
Rhynchocystis, Sweden 4388
- Lipid absorption**, *Trypanosoma brucei*, reviews 4566
- Lipid peroxidation**, *Plasmodium falciparum*, cerebral malaria 2241
- Lipids**
Acanthamoeba 1450
Blastocystis hominis 4058
Leishmania mexicana 4934
Plasmodium 1484, 4572
Toxoplasma gondii 1484
Trypanosoma cruzi 2747
- Lipopeptidophosphoglycan**, *Trypanosoma cruzi* 4051
- Lipopetide derivatives**
Pneumocystis carinii
in vitro 4636
rats 4636
- Lipophosphoglycan**
Leishmania 2175
Leishmania donovani 620, 3149, 3160, 4413
Leishmania major 3155
Phlebotomus papatasi 3572
Leishmania mexicana 3150
- Lipopolysaccharide**, *Toxoplasma gondii* 4416
- Lipoproteins**, host parasite relationships 776
- Lipoptena cervi***, *Trypanosoma* (*Megatrypanum*), transmission 1185
- Liposomes**
chloroquine 2421
Plasmodium berghei, merozoites 1414
- Liquicox 70**, *Eimeria tenella*, fowls 2824
- Liquid Ektectin**, *Eimeria tenella*, fowls 2824
- Listeria monocytogenes***
Acanthamoeba, interactions 1326
Tetrahymena pyriformis, interactions 1326
- Lithodes aequispina***, Ciliophora, USA 561
- Lithuania**
Eimeria, *Clethrionomys glareolus* 3880
Haemoproteus bacillaris, new species, *Muscicapa striata* 1748
Haemoproteus dolniki, new species, *Coelebs fringilla* 3939
Haemoproteus magnus, new species, *Coelebs fringilla* 3939
Haemoproteus minutus, new species, *Turdus merula* 3939
Haemoproteus pallidus, new species, *Ficedula hypoleuca* 1748
Isospora clethrionomydis, *Clethrionomys glareolus* 3880
Microspora, Crustacea 2657
Nosemoides cyclopis, new species, *Macrocyclus albidus* 2657
Pleistophora ellipsoidea, new species, *Daphnia magna* 2657
Sarcocystis suicanis, *Sus scrofa* 2973
Sarcocystis suihominis, *Sus scrofa* 2973
Thelophania kaunensis, new species, *Cyclops* 2657
Toxoplasma gondii, livestock, epidemiology 3226
- Litoria caerulea***
Haemogregarina, Australia 64
Lankesterella hylae, Australia 64
- Litoria inermis***, *Protoopalina australis*, Australia 600
- Litoria nasuta***, *Protoopalina australis*, Australia 600
- Live vaccines**
Babesia 685
Babesia bigemina, cattle 2217
Babesia bovis 4028, 4461, 4466-4467
Babesia divergens 4025
Babesia equi 2215
Eimeria adenoides 4468
Eimeria gallopavonis 4468
Eimeria meleagridis 4468
Eimeria tenella 1106
immunization, *Babesia bigemina* 2216
Leishmania donovani 695
Leucocytozoon caulleryi 4469
- Live vaccines cont.**
Plasmodium 3110
Plasmodium berghei 4891
Plasmodium falciparum 3112
Plasmodium vivax 677
Plasmodium yoelii 3546
Theileria annulata 182, 693, 1822, 1918, 4465
cattle 1107, 3550
techniques, preservation 4248
Theileria bovis 690
Theileria lawrencei 685
Theileria parva 678-682, 684-689, 4019, 4465
Theileria lawrencei 683
Toxoplasma gondii 177, 185, 1104, 1415
Trypanosoma cruzi 125, 2882, 4034
- Liver cells**, *Plasmodium*, host parasite relationships 3964
- Livestock**
Babesia, Kenya 1293
diseases
control 1189
diagnosis 1189
New Zealand 1271
parasites
Indonesia 3893
tropics 450
nutritional state 2123
protozoa
Africa 2111
Brazil, checklists 3945
Canada, checklists 4274
Czechoslovakia 1724
Germany, history 3771
immunity, reviews 1809
immunology, reviews 4353
immunopathology, reviews 4714
molecular genetics, reviews 2603
Sarcocystis, diagnosis 2467
Theileria, Kenya 1293
Theileria parva, research 3364
Toxoplasma gondii
immunodiagnosis 3536
Lithuania, epidemiology 3226
Trypanosoma
drug therapy 2357
immunodiagnosis 2195
research 3364
Somalia, computer models 929
Togo, epidemiology 784
Trypanosoma congolense
Congo, control 2446
immunodiagnosis 1687
Togo, history 951
Trypanosoma evansi, immunodiagnosis 3536
Trypanosoma (*Trypanozoon*), Zambia, epidemiology 5006
- Liza abu***
Myxobolus pfeifferi, Iraq 555
Trichodina domerguei, Iraq 555
- Lizards**
parasites, sexual selection 2298
Plasmodium, Africa, reviews 546
- Locomotion**, *Entamoeba invadens* 3634
- Locusta migratoria***, *Malamoeba locustae*, pathology 3447
- Locustana pardalina***, *Nosema locustae*, South Africa 2109
- Locusts**, protozoa, biological control 3448
- Loma camerounensis***, new species, *Oreochromis niloticus*, Cameroon 3940
- Lomidine** (see pentamidine)
- Lonomycin A**, *Toxoplasma gondii* 1382
- Loricaria lentiginosa***, *Trypanosoma britskii*, new species, Brazil 586
- Losses**
Leishmania, man, French Guiana 2125
Plasmodium falciparum, India 2126
Theileria parva, cattle, Africa 2611
Trypanosoma, ruminants, Africa 4915
- Low density lipoprotein**, *Trypanosoma brucei* 1791
- Lumbar puncture**, *Plasmodium* 427
- Lumbricus castaneus***
Apolocystis minuta, Poland, new geographic records 3444
Monocystis hirsuta, Poland, new geographic records 3444
- Lumbricus rubellus***
Apolocystis herculea, *Aporrectodea caliginosa*, Poland, new geographic records 3444
Apolocystis pilosa, Poland, new geographic records 3444
Monocystis striata, Poland, new geographic records 3444
Nematocystis vermicularis, Poland, new geographic records 3444
Rhabdocystis pilosa, Poland, new geographic records 3444
- Lumbricus terrestris***
Apolocystis herculea, *Aporrectodea caliginosa*, Poland, new geographic records 3444
Apolocystis minuta, Poland, new geographic records 3444
Monocystis hirsuta, Poland, new geographic records 3444
Nematocystis magna, Poland, new geographic records 3444
Nematocystis vermicularis, Poland, new geographic records 3444
- Lungs**, *Plasmodium knowlesi* 1427
- Lutjanus johni***, *Cryptocaryon irritans*, Malaysia 2096
- Lutzomyia***
Ascogregarina saraviae, Colombia 2801
entomopathogens 2801
Leishmania, transmission, reviews 3212
Leishmania braziliensis, Brazil, transmission 4612
Leptomonas, Colombia 2801
Lutzomyia antunesi, *Trypanosoma*, Brazil 825
Lutzomyia ayacuchensis, *Leishmania mexicana*, Ecuador 301, 1516
Lutzomyia ayrozoai, *Leishmania naiffi*, Brazil 825
Lutzomyia columbiana, Colombia 2315
Lutzomyia flaviscutellata, *Leishmania amazonensis*, Brazil, transmission 2031
Lutzomyia intermedia, *Leishmania braziliensis* 1531
Lutzomyia lichyi, Colombia 2315
Lutzomyia longipalpis
Ascogregarina chagasi, immune response 1762
Leishmania
identification 823
susceptibility 812
Leishmania chagasi, Brazil 1502
Leishmania infantum chagasi, development 4269
Lutzomyia migonei, *Leishmania braziliensis*, Brazil 814
Lutzomyia nordestina, *Trypanosoma*, Brazil 825
Lutzomyia orestes, *Leishmania mexicana*, experimental infections 807
Lutzomyia ovallesi
Leishmania braziliensis
Guatemala 3665
transmission 816
Lutzomyia paraensis, *Leishmania naiffi*, Brazil 825
Lutzomyia trinidadensis, *Leishmania venezuelensis*, Venezuela 813
Lutzomyia ubiquitalis, *Leishmania lainsoni*, Brazil 825
Lutzomyia wellcomei, *Leishmania braziliensis*, Brazil 822
Lutzomyia whitmani, *Leishmania*, Paraguay 4607
Lycodapus australis, *Davisia galeiformes*, new species, Atlantic Ocean 3061
- Lymantria dispar***
Nosema lymantriae, mortality 4347
Nosema serbica, pathology 4828
- Lyme disease**, malariatherapy, *Plasmodium vivax* 3667
- Lymphadenopathy**, *Toxoplasma gondii*, man 4300
- Lymphocyte antigens**
trypanotolerance
cattle 2287
zebu 2287
- Lymphocyte transformation**
Leishmania donovani 4861
Microspora 553

Lymphocyte transformation cont.

Plasmodium falciparum 2677, 3072

Lymphocytes (see also T lymphocytes; B lymphocytes; Natural killer cells)

Eimeria tenella, host parasite relationships, *in vitro* 290

Entamoeba histolytica 191

Giardia duodenalis 1372

Leishmania amazonensis 2186

Leishmania braziliensis 1417

Leishmania major 1370

Plasmodium falciparum 1067, 1373, 1774

Theileria, host parasite relationships 4529

Theileria annulata 2191

host parasite relationships, *in vitro* 4995

Theileria parva 1800

host parasite relationships 4586

Toxoplasma gondii 4010

Trypanosoma brucei 1800

Trypanosoma congolense 2171

Trypanosoma cruzi 700

Trypanosoma evansi 1798

Lymphokines, *Leishmania donovani*, *in vitro* 1377**Lymphoma, *Entamoeba histolytica*, man, USA 2****Lysis, *Trypanosoma brucei*, high density lipoprotein 4407****Lysosomes**

Isospora suis, pigs 3531

Plasmodium berghei 597

Plasmodium falciparum 597

Plasmodium yoelii 597

Lysozyme, *Eimeria*, fowls 2386**Mabuya spilogaster, *Isospora spilogaster*, new species, Namibia 4820****Mabuya striata**

Haematrictidium omogoi, new species, Kenya 1340

Karyolysus, Kenya, new geographic records 1340

Karyolysus poleensis, new species, Kenya 1340

Pirhemacyton kongelaiensis, new species, Kenya 1340

Plasmodium, Kenya 1342

Plasmodium aduyninkai, new species, Kenya 1341

Plasmodium bowiei, new species, Kenya 1341

Plasmodium gloriati, new species, Kenya 1341

Plasmodium icipeensis, new species, Kenya 1341

Plasmodium kachelibaensis, new species, Kenya 1341

Plasmodium kadogoi, new species, Kenya 1341

Plasmodium kaninii, new species, Kenya 1341

Plasmodium odhiamboi, new species, Kenya 1341

Plasmodium sapaensis, new species, Kenya 1341

Sauropasma kachelibaensis, new species, Kenya 1340

Schellackia, Kenya, new geographic records 1340

Schellackia mabuyai, new species, Kenya 1340

Macaca fascicularis

Balantidium coli, Japan 4309

Entamoeba histolytica

drug therapy 4310

laboratory animals 4310

Entoploporoides macaci, immunodiagnosis 654

Toxoplasma gondii

immunodiagnosis 2049

Malaysia 2049

Macaca mulatta

Cryptosporidium, simian immunodeficiency virus, pathology 1426

parasites, China 2560

Plasmodium coatneyi 282

disease models 4494

pathogenicity 4494

Plasmodium cynomolgi

drug therapy 332, 1685, 5041

Macaca mulatta cont.

Plasmodium cynomolgi cont.

immune response 3508

immunotherapy 3680

prophylaxis 868

Plasmodium knowlesi

drug therapy 3119, 3256

immune response 630, 2690

pathogenesis 3256

pathology 1427, 3119

Plasmodium simiovale, host parasite relationships 283

primaquine, pharmacokinetics 3726

Macaca nemestrina

Cryptosporidium 4735

immunity 661

Toxoplasma gondii

immunodiagnosis 2049

Malaysia 2049

Maccullochella peeli, *Goussia lomi*, Australia, fish farms 1718**Macrolemys temminckii, *Eimeria harlani*, new species, USA 4817****Macrocyclops albidus, *Nosemoides cyclopis*, new species, Lithuania 2657****Macrophages**

Acanthamoeba castellanii, *in vitro* 4411

Acanthamoeba polyphaga, *in vitro* 4411

Babesia 4842

Babesia rodhaini, *in vitro* 130

chloroquine 890

Cryptosporidium parvum 3333

Entamoeba histolytica 4843, 4902

in vitro 4414, 4422, 4429

Giardia duodenalis, *in vitro* 3983

Herpetomonas, *in vitro* 4411

Leishmania 138

genetic regulation 1387

host parasite relationships 782, 2783

Leishmania amazonensis 2186, 2716

cytokines 4203

immune response 4203

in vitro 3971

Leishmania donovani 299, 636, 642,

1823, 3191, 3513

ammonium chloride, *in vitro* 4938

dextran, *in vitro* 4938

host parasite relationships 2301, 4988

in vitro 1377

methylamine, *in vitro* 4938

Leishmania major 635, 1406

in vitro 3972

Leishmania mexicana

ammonium chloride, *in vitro* 4938

dextran, *in vitro* 4938

methylamine, *in vitro* 4938

Naegleria, *in vitro* 4411

Plasmodium berghei 1788

host parasite relationships 774

Plasmodium chabaudi 2710

Plasmodium cynomolgi 3508

Plasmodium falciparum

immune evasion 3973

immune response 121

Plasmodium knowlesi 630

Plasmodium vivax 1418, 2682

Plasmodium yoelii 2211, 3957

Pneumocystis carinii 137, 619, 3070,

3526

host parasite relationships 3961

in vitro 3961

Toxoplasma gondii 1068, 1382, 2697,

4010, 4844

host parasite relationships 3642

in vitro 3642

Trypanosoma brucei, *in vitro* 1363

Trypanosoma congolense 697

in vitro 4410

sheep 3092

Trypanosoma cruzi 171, 613, 2222, 2688,

3116

cytokines 4203

immune response 4203

in vitro 1363, 4411, 4428

Trypanosoma lewisi 1782

Trypanosoma musculi 135, 1362

Madagascar

Eimeria phelsumae, new species, *Phelsuma madagascariensis grandis*

1050

Madagascar cont.

Haemoproteus, *Oplurus quadrimaculatus* 2654

Haemoproteus opluri, new species,

Oplurus cuvieri 2654

Institut Pasteur de Madagascar, reports 2018

Plasmodium

man 2950

epidemiology 300, 1510, 2790-2792

Plasmodium falciparum

Anopheles, transmission 789

Anopheles mascarensis, transmission

3222

drug resistance, chloroquine 1571-

1572

man 1288-1289, 3258, 3955

drug resistance, chloroquine 2866

epidemiology 789, 2791-2792, 3222

Plasmodium vivax, man 1885, 2533

tropical medicine, bibliographies 1636

Maduramicin

Cryptosporidium parvum, mice 865

drug residues, turkeys, faeces 396

Eimeria, turkeys 1207

Eimeria acervulina, fowls 2817, 3710

Eimeria brunetti, fowls 2857

Eimeria maxima, fowls 2817

Eimeria mitis, fowls 2858

Eimeria tenella, fowls 2817

pharmacokinetics 396

toxicity

cattle 392, 3320, 3740

pigs 1233

sheep 3320

turkeys, pharmacokinetics 396

Magainins

Acanthamoeba castellanii, *in vitro* 5111

Acanthamoeba polyphaga, *in vitro*,

pharmacokinetics 4655

mode of action 4655

Magnetic field, protozoa, inhibition 918**Magnetic resonance imaging, *Pneumocystis carinii* 4690****Major histocompatibility complex**

Leishmania 170

Leishmania braziliensis 3543

Leishmania donovani 4861

Plasmodium berghei 1794

Plasmodium falciparum 131, 624, 1786,

2173, 2692, 2698, 3955

immunopathology 4455, 4886

protozoa 1166

Sarcocystis gigantea 151

Theileria parva, cattle 1800

Toxoplasma gondii 1398

Trypanosoma brucei, cattle 1800

Trypanosoma cruzi 3106, 3966

Malachite green

Ichthyophthirius multifiliis, ornamental

fishes 4136

toxicity, rainbow trout 2440

Malamoebe locustae, *Locusta migratoria*, pathology 3447**Malaria (see *Plasmodium*)****Malaria therapy**

Borrelia burgdorferi, man, USA 5050

human immunodeficiency virus, transmission 3910

Lyme disease 2033

Plasmodium vivax, Lyme disease 3667

Malawi

Babesia, cattle, control 840

Plasmodium falciparum

drug resistance

chloroquine 5079

pyrimethamine 5079

man 3723

Theileria, cattle, control 840

Theileria parva

cattle 505, 685

control 1534

Malaysia

Anopheles, reviews 311

Cryptocaryon irritans, *Lutjanus johni*

2096

Cryptosporidium parvum, cattle 2062

Eimeria

buffaloes 41

Malaysia cont.

- Eimeria* cont.
cattle 2068
rabbits 4330
Eimeria stiedai, rabbits 2580, 4330
Entamoeba histolytica
man 16
epidemiology 1495
Giardia duodenalis
man 16
epidemiology 1495
Haemoproteus dicaeus, new species,
Prionochilus percussus 98
Microsporidium arthuri, new species,
Pangasius suichi 1053
Piscinoodinium pillulare, *Puntius gonio-*
notus 66
Plasmodium
Anopheles 2800
Anopheles maculatus, transmission
835
man 2950
control 3744
epidemiology 798, 835, 2800
Plasmodium falciparum 1079
man 2519, 2705, 2853
Plasmodium formosanum, *Amaurornis*
phoenicurus, new host records 541
Plasmodium ovale, man 2518
Sarcocystis
man
reviews 5034
zoonoses 5034
Theileria
Boophilus microplus, transmission
3221
cattle, epidemiology 3221
Haemaphysalis bispinosa, transmis-
sion 3221
Toxoplasma gondii
dogs 1303
Macaca fascicularis 2049
Macaca nemestrina 2049
pigs 2061
Presbytis cristata 2049
Tritrichomonas foetus, cattle, new geo-
graphic records 40
waterborne diseases 2318

Mal

- Plasmodium*
man 1290, 2950
epidemiology 1511
Plasmodium falciparum
drug resistance, chloroquine 1573
man 1291, 3257
Trypanosoma, n'dama, epidemiology 488

Malnutrition

- Endolimax nana*, man, Brazil 989
Giardia duodenalis, man, Brazil 989

Maloprim (see dapsone pyrimethamine)**Malta**

- Leishmania infantum infantum*
dogs 1157
epidemiology 5000
man 1157
epidemiology 313
Phlebotomus perniciosus 1157
transmission 313

Mamestra brassicae, Vairimorpha anther-**maeae, transmission 2223****Mammalian cells, Trypanosoma cruzi, in****vivo 605****Mammals**

- Acanthamoeba castellanii*
host specificity 4348
susceptibility 4348
Apicomplexa, host parasite relationships,
reviews 4997
Leishmania, host parasite relationships,
reviews 4997
protozoa, Canada, checklists 4277
qinghaosu, pharmacokinetics 381
Trypanosoma cruzi, host parasite rela-
tionships, reviews 4997
Trypanosoma gambiense, epidemiology
1530

Man

- Acanthamoeba* 77
Australia 3800
Candida albicans, UK 3373
chlamydia, interactions 3378

Man cont.

- Acanthamoeba* cont.
conferences 5151
diagnosis, reviews 4271
drug therapy 3800
eyes 3396
France 4788
histopathology, reviews 4271
human immunodeficiency virus
diagnosis 2517
USA 2517, 4798
Mexico 3806
pathogenesis 1834
reviews 1320, 1726-1727, 1834,
2608, 4272
USA 3377-3378
Acanthamoeba castellanii
host specificity 4348
susceptibility 4348
Acanthamoeba culbertsoni, drug therapy
4944
Acanthamoeba lugdunensis, Germany
1156
Acanthamoeba rhyodes, human immu-
nodeficiency virus, USA 4797
amodiaquine 2865, 3286, 3681, 3695,
4184, 5039, 5082
pharmacokinetics 384
ampicillin, pharmacokinetics 2425
antimalarials
pharmacology 2889
toxicity, reviews 2885
arsobal 2391
pharmacokinetics 2391
Babesia 74
control, reviews 323
South Africa 466
transmission 321
USA 321
Babesia microti, USA 3805
Balantidium, transmission, nosocomial
infections 4352
Balantidium coli 9, 3419
Greece 977
USA 468
Blastocystis hominis 976
Australia 475
Canada 4
diagnosis 432
Dientamoeba fragilis, mixed infec-
tions 2942
drug therapy 2847
reviews 3836
Egypt 3844
Entamoeba histolytica, mixed infec-
tions 2942
Germany 432
Giardia duodenalis, mixed infections
2942
human immunodeficiency virus
Australia 4812
Italy 2942
immunocompromised hosts, pathoge-
nicity 3049
Italy 2037, 2942
Kenya 14
Kuwait 1277
pathogenicity 4, 3566, 3834, 3844
pathology, reviews 3836
reviews 3031, 3395
treatment 3268
Trinidad and Tobago 478
UK 2505
USA 2538
Yugoslavia 3834
Borrelia burgdorferi, USA, malariaother-
apy 5050
Chilomastix mesnili, Ghana 5011
chloroquine 352, 354-355, 359-360, 967,
1216, 1218, 1221-1222, 1565, 1568,
1570-1573, 1595, 1662, 1964,
1967-1969, 1971-1972, 2395, 2398,
2512, 2865-2868, 3251, 3281,
3283-3285, 3681, 3686, 3695,
3712-3713, 4182-4185, 4188, 4641,
4643-4646, 5039, 5074, 5076,
5079-5080, 5082
pharmacokinetics 1595
Plasmodium 1601, 3313
proguanil 866, 5081
chlorproguanil, pharmacokinetics 1593

Man cont.

- coccidia, reviews 2122
communicable diseases, epidemiology,
disasters 5150
Cryptosporidium 18
Argentina 3807
asymptomatic carriers 2938
China 2508, 2520
control 402
diagnosis 429, 653, 2916, 3756
scanning electron microscopy
4681
diarrhoea 972, 4299
reviews 80
drug therapy 2372
epidemiology 3204
reviews 304
France 4725
general account 2961
Germany 4726
human immunodeficiency virus
cytomegalovirus, France 2630
diagnosis 1731
drug therapy 91, 2629, 2820,
3693, 3699
France 2631, 4804
Germany 90, 4366
pathology 3918
prognosis 4796
reviews 3452, 3795
Tunisia 1332
UK 91
USA 1048, 1739, 1742, 2129,
2643, 3918
immunocompromised hosts
immunotherapy 5038
treatment 2833, 3849
UK 3919
immunodiagnosis 653, 2916
immunology, reviews 4492
India 4916
Iran 2502
Israel 2944
Kuwait 89
Mexico 3388
Nepal 1273
pathogenesis, reviews 4492
reviews 10, 19, 81, 83, 469, 569,
3395, 3899
Sheehan's syndrome, UK 3383
Sri Lanka 3804
Staphylococcus aureus, interactions
3849
Switzerland 32
epidemiology 302
Thailand 3803
transmission 830, 1909, 2334
nosocomial infections 4352
reviews 1910
treatment 2372
tropics, epidemiology, reviews 464
UK 17, 20, 356
control 401, 403
epidemiology 988, 2338, 2785-
2787, 3203, 3652
USA 2547
epidemiology 1634
Cryptosporidium parvum
human immunodeficiency virus
Portugal 2689
Turkey 2689
UK 2689
USA, reviews 3914
Israel 2933
delusory parasitoses, USA 950
desethylchloroquine 4643
diagnosis, *Toxoplasma gondii*, human
immunodeficiency virus 2642
diarrhoea
Thailand, epidemiology 1901
travel 3850
Uganda, traditional medicines 5056
Dientamoeba fragilis
Australia 475
Germany 3801
drug resistance 2864
Encephalitozoon, human immu-
nodeficiency virus, UK 4389
Encephalitozoon cuniculi, human immu-
nodeficiency virus, drug therapy
1330

Man cont.

- Encephalitozoon hellem*
 - human immunodeficiency virus
 - reviews 3036
 - USA 4790
 - new species, USA 101
- Endolimax nana* 976
- Australia 475
- Brazil
 - epidemiology 989
 - malnutrition 989
- human immunodeficiency virus, Australia 4812
- Italy 1669
- Entamoeba*
 - diagnosis, reviews 4254
 - drug therapy 4165
 - immunodiagnosis, reviews 4254
 - immunopathology 1113
 - Nigeria 1670
 - pathology 1670
- Entamoeba coli*
 - Australia 475
 - Germany 3801
 - human immunodeficiency virus, Australia 4812
 - India, diarrhoea 973
 - pathogenicity 23, 3132
 - Sweden 23
- Entamoeba histolytica* 3419, 3820
 - antigens 118
 - Australia 475, 3376
 - Austria 25
 - Bangladesh 964, 4723
 - Benin 1681
 - Brazil, epidemiology 2305
 - Budd-Chiari syndrome, Nigeria 4720
 - Cameroon 4719
 - reviews 3394
 - China 4724
 - epidemiology 1501
 - Congo 3840
 - diagnosis 937, 2913, 3757, 4265
 - diarrhoea 971-972, 3772
 - reviews 80
 - drug therapy 1076, 1546, 1835, 2837, 2945
 - Ecuador, new geographic records 1683
 - Egypt 4265
 - French Polynesia 2557, 3837-3838
 - Gabon 3382
 - general account 2961
 - Germany 24
 - Ghana 5011
 - human immunodeficiency virus
 - interactions 574
 - Kaposi's sarcoma 4806
 - pathogenicity 3179, 3567
 - USA 2129
 - immune response 1076, 1778, 4017, 4852
 - immunity 4017
 - immunization 1274
 - immunodiagnosis 166, 650, 2194, 2199, 2707, 3097-3098, 3977
 - immunopathology 1419, 1824, 2723
 - India 2042, 2526, 2541, 4017, 4724, 4731
 - diarrhoea 973
 - Israel 2945
 - Italy 1161
 - pathogenicity 4553
 - Japan 3098, 3223, 3343
 - epidemiology 805
 - Jordan 4722
 - Kenya 22
 - lymphoma, USA 2
 - Malaysia 16
 - epidemiology 1495
 - Mexico 4724
 - epidemiology 800
 - Myanmar 4724
 - Pakistan 4724
 - pathogenesis 2245
 - pathogenicity 1835
 - pathology 1121
 - reviews 79, 2122, 3029-3030, 3897
 - Saudi Arabia 1281
 - Sudan, epidemiology 2332
 - Sweden 4303

Man cont.

- Entamoeba histolytica* cont.
 - symptomatology 1836
 - Taiwan 4293
 - Thailand 3803
 - transmission 3223
 - nosocomial infections 4352
 - treatment 1824, 3757
 - Trinidad and Tobago 4716
 - Tunisia 3812
 - UK 3842
 - USA 5, 2328, 2521, 2527
- Enterocytozoon bienersi*
 - diagnosis 3347
 - human immunodeficiency virus 3467
 - Chile 2141
 - drug therapy 3468
 - France 1678, 3465, 3468, 3923
 - Germany 2619
 - pathology 3921
 - reviews 3038
 - USA 2908
- Enteromonas hominis* 976
- free living amoebae, South Africa 2549
- Germany, *Plasmodium* 3313
- Giardia* 2609
 - diagnosis, reviews 4253
 - diarrhoea 972
 - drug therapy 2379, 4165
 - general account 2961
 - immune response 1796
 - immunodiagnosis, reviews 4253
 - Japan 980
 - pathogenesis 1796
 - reviews 4350
 - UK, epidemiology 3206
- Giardia duodenalis* 8
 - arthritis, interactions 3457
 - Australia 475, 3376
 - Bahrain 35
 - Bangladesh 964
 - Brazil
 - epidemiology 989, 2304-2305
 - malnutrition 989
 - Canada, epidemiology 306
 - China 4724
 - diagnosis 431, 4476
 - scanning electron microscopy 4681
 - diarrhoea 971, 3772, 3843, 4299
 - reviews 80
 - drug therapy 2856, 2945, 3255, 4176, 5066
 - epidemiology, reviews 2797
 - experimental infections 616
 - France, epidemiology 3207
 - Gabon 3382
 - general account 3027, 3905
 - Germany 3801
 - Ghana 5011-5012
 - diarrhoea 1278
 - human immunodeficiency virus, USA 2129, 2643
 - immune response 115, 3086, 3980
 - immunity 3545
 - immunization 1274
 - immunodiagnosis 164, 649, 2197
 - faeces 2204
 - immunological deficiency 4035
 - immunology 3901
 - reviews 4400
 - India 1664, 4724, 4731
 - epidemiology 2794
 - intestinal microorganisms, interactions 3907
 - Israel 2945, 4835, 5066
 - Jamaica, epidemiology 477
 - Japan 472
 - Jordan 4722
 - Kenya 22, 1275, 2909
 - Malaysia 16
 - epidemiology 1495
 - Mexico 4724
 - epidemiology 307, 800
 - Myanmar 4724
 - New Zealand, epidemiology 305, 2312-2313, 2798, 2807
 - Niger 1279
 - Pakistan 4724
 - pathogenesis 3901
 - reviews 217, 2797

Man cont.

- Giardia duodenalis* cont.
 - pathogenicity 4835
 - pathology 1664, 1829, 3560, 4476
 - reviews 2122, 3395
 - Saudi Arabia 1281
 - Spain 3457
 - Sudan, epidemiology 2332
 - Thailand 1115, 3803
 - epidemiology 1901
 - transmission
 - mathematical models 416
 - nosocomial infections 4352
 - Tunisia 3812
 - Turkey 2509, 3792
 - UK, epidemiology 2789
 - USA 431, 804, 2034, 2114, 2328, 2547
 - control 4179, 4668
 - epidemiology 416, 799
 - Whipple's disease 3843, 4035
- Glossina morsitans morsitans*, Zambia, knowledge level 3645
- glucose-6-phosphate dehydrogenase, deficiency, Saudi Arabia 4306
- halofantrine 3713, 4185
 - pharmacokinetics 2430
- history, human immunodeficiency virus, transmission 3910
- Iodamoeba buetschlii* 976
- Isospora*
 - immunocompromised hosts
 - immunotherapy 5038
 - Korea Republic 4308
- Isospora belli*
 - Australia 2530
 - Cryptosporidium*, human immunodeficiency virus, France 2629
 - human immunodeficiency virus 92
 - drug therapy 2629
 - France 4804
 - USA, reviews 3914
 - reviews 10
 - transmission, nosocomial infections 4352
- Leishmania* 7
 - Algeria 2532
 - control 4234
 - bacteria, interactions 1729
 - Belgium, transmission 2522
 - Brazil 194, 974, 2035, 4307
 - control 4131
 - China, reviews 1035
 - control, reviews 323
 - diagnosis 421, 935, 4266, 4686
 - reviews 2606, 4256
 - drug therapy 335, 340, 860, 1195, 1201, 1557, 2047, 3250, 3689, 4142, 4218, 5040
 - reviews 2374
 - epidemiology 3215, 4596
 - urban development 5004
 - France 2044
 - drug therapy 1957
 - French Guiana, losses 2125
 - global prevalence 4589
 - human immunodeficiency virus 582
 - Belgium 4365
 - France 3926, 4804
 - general account 3475
 - Guinea-Bissau 2134
 - Italy 2634
 - reviews 1737, 2046
 - immune response 1075, 2175, 3518, 4431
 - immunocompromised hosts, reviews 2046
 - immunodiagnosis 1090, 1092, 1801, 2202, 4875
 - reviews 4256
 - India 3798
 - epidemiology 1896, 3649
 - Israel 935, 1801
 - Italy 2047, 2550, 4292
 - Japan 980, 1195
 - Kenya 340
 - Libya 2552
 - Morocco 3823
 - Netherlands 986, 2949
 - Nigeria 1668
 - pathology 4905

Man cont.

- Leishmania cont.*
 reviews 2119
 rural development 2322
 Saudi Arabia 1283, 3811
 South America 953
 Sri Lanka 29
 Sudan
 epidemiology, reviews 787
 transmission 2932
 Syria, epidemiology 3425
 transmission 4124
 treatment 340, 1195, 4639
 Tunisia 3815
 zoonoses 2341
 USA, military personnel 3802
 USSR 2555
 epidemiology 3200
Leishmania aethiopica, immunity 2713
Leishmania amazonensis
 Brazil 1, 1768, 2031
 drug therapy 1, 2031
 immune response 1768, 2186
 symptomatology 194
Leishmania braziliensis
 antigens 4074
 Brazil, epidemiology 814, 822, 1531, 2314, 4612
 Colombia, epidemiology 2315
 diagnosis 4074
 drug therapy 4653, 5058
 Guatemala, epidemiology 3665
 immune response 1857
 immunity 3543
 immunization 4403
 immunodiagnosis 4402-4403
 immunopathology 1417
 Paraguay, epidemiology 1894
 Peru 5058
 Venezuela, epidemiology 816
Leishmania chagasi
 Brazil, epidemiology 1502
 immune response 3523
 immunity 3523
Leishmania donovani
 China
 control 3903
 epidemiology 5029
 epidemiology 3903
 diagnosis 1625
 drug therapy 330, 1238, 1493, 1566, 1950, 2851, 2952, 4627
 France, epidemiology 2795
 haematology 3557
 human immunodeficiency virus
 drug therapy 3935, 5062
 France, epidemiology 2795
 Germany 3935
 reviews 4814
 Spain 3040-3041, 3810, 3911
 immune complexes 4856
 immune response 1371, 1857, 2182, 4413, 4840, 4861
 immunocompromised hosts
 India 3928
 kidney transplant 3928
 immunodiagnosis 330, 2700, 4840, 4870-4871
 India 1566, 2036, 2919, 3381, 3387, 4305
 epidemiology 2796, 3648, 4105
 Italy 2525
 Kenya 1625, 3809
 epidemiology 4106
 Pakistan 28
 pathology 36, 3556-3557
 Saudi Arabia 34, 2951
 Spain 2524, 2941
 Sudan 13, 36, 965, 2952
 epidemiology 1493, 4610
 Turkey 2506
 Yemen 33
Leishmania guyanensis, pathogenesis 2739
Leishmania infantum, Portugal, epidemiology 314
Leishmania infantum chagasi
 Bolivia 4304
 immune response 3511
Trypanosoma cruzi, cross immunity 1375

Man cont.

- Leishmania infantum infantum*
 France 132
 human immunodeficiency virus
 diagnosis 3934
 drug therapy 4628
 France 3471, 3934
 immunotherapy 4628
 immunodiagnosis 160
 immunological deficiency 132
 Italy 1159
 epidemiology 1177, 1500
 Malta 1157
 epidemiology 313
 Tunisia 2556
 cutaneous leishmaniasis 1480
Leishmania lainsoni, Brazil, epidemiology 825
Leishmania major
 diagnosis 1625
 drug therapy 4148, 4154
 Ecuador, epidemiology 301
 Egypt 1881
 military personnel 2528
 France 3826
 immune response 1370
 Israel, epidemiology 316
 Kenya 1625
 Mauritania 4561
 Syria, new host records 3393
 USSR, epidemiology 2316
Leishmania mexicana
 Brazil 1285
 drug therapy 1285
 Ecuador, epidemiology 301, 1516
 immune response 1857
 Mexico, control 4133
Leishmania naiffi, Brazil 4333
Leishmania panamensis
 Colombia, epidemiology 2315
 drug therapy 331, 3698
Leishmania shawi
 Brazil
 new host records 3390
 new records 3390
Leishmania tropica
 drug therapy 1202, 4167
 immune response 3799
 immunotherapy 1202, 4167
 India 3799
 zoonoses 3230
 Kenya, epidemiology 319
 Morocco, epidemiology 1879
 treatment 5048
Leishmania venezuelensis, Venezuela, epidemiology 813
 Leptomyxidae
 diagnosis, reviews 4271
 histopathology, reviews 4271
 mefloquine 353, 1217-1218, 1547, 1570, 3282, 3713, 4185, 5075, 5078
 pharmacokinetics 372, 1582, 2425, 2871
 melarsoprol, pharmacokinetics 927
 metronidazole 4176, 4187
 pharmacokinetics 5093
 Microspora 1287
 human immunodeficiency virus
 diarrhoea 3924
 reviews 4814
 USA 88
 microsporidia
 eyes 3396
 human immunodeficiency virus
 developing countries, reviews 4360
 drug therapy 2854
 reviews 3038
 n-desbutylhalofantrine, pharmacokinetics 2430
Naegleria, reviews 1320
Naegleria fowleri 77
 control 3198
 diagnosis, reviews 4271
 histopathology, reviews 4271
 reviews 4272
 Thailand 31
 USA 2043
 opportunistic infections
 human immunodeficiency virus 2646
 reviews 2131

Man cont.

- parasites
 autoimmunity, reviews 2669
 Bolivia 975
 China 470, 982, 2513-2516
 diagnosis 4252, 4694
 reviews 2918
 diarrhoea 474
 geographical distribution 987
 human immunodeficiency virus 2626
 diarrhoea 1746
 Kaposi's sarcoma 4806
 IgE, faeces 4434
 immunocompromised hosts
 host parasite relationships 4103
 pneumonia 4362
 Philippines 4298
 Switzerland 1675
 transmission, reviews 3224
 treatment, reviews 2918
 USA, imported infections 2310
Plasmodium
 acute lower respiratory infections, Gambia 1280
 Africa 5009
 control 876, 952
 economic analysis 1036-1039
 epidemiology 1914, 2793
 prophylaxis 2383
 Argentina, epidemiology 2788
 Asia, epidemiology 1649-1650, 1913-1914
 Benin 3813
 Brazil, epidemiology 4593
 Burkina Faso, economic analysis 1039
 Burundi
 control 2814
 epidemiology 1508
 Cameroon
 control, economics 3906
 epidemiology 4114, 4602
 Central America, control 322
 China 983-984, 2510, 2954
 control 1190, 2811-2812, 3243, 5118
 epidemiology 1176, 2699, 2806, 3210
 Colombia
 control 4617
 epidemiology 309
 conferences 954
 Congo 3824
 control 1608, 2897, 3746, 3902, 4134
 history 3237
 water management 1992
 Côte d'Ivoire 1928
 depression 2539
 diagnosis 421, 427, 940, 1998, 2001, 2472-2473, 2478, 2499, 3758, 3990, 4682-4685, 4693, 5140
 reviews 2606, 4258
 drug resistance 4134
 drug therapy 341, 361, 1210, 1213, 1555, 1592, 1594, 1598, 1930, 1976, 2382, 2473, 2491, 2885, 3271, 3307, 4212, 4231, 4661, 5045
 history 4172
 reviews 1927, 2166, 2374
 timing 1936
 ecology 604, 4396
 Egypt, epidemiology 4603
 epidemiology 2492, 3215, 4604
 mathematical models 4113, 4588
 Equatorial Guinea, epidemiology 4592
 Europe 2784
 epidemiology 1649
 evolution 604, 4396
 France 2534
 military personnel 2937
 Gambia
 control 4685
 epidemiology 5025
 mortality 12
 general account 3828
 Guatemala
 beliefs 3672
 control 4235-4236
 haematology 721, 1136, 3380, 3527

Man cont.*Plasmodium cont.*

- host parasite relationships 3189
- human immunodeficiency virus
 - Central African Republic 1680
 - India 3524
 - Rwanda 15
- immune response 119, 126, 1785, 3514, 3527, 4593
 - reviews 155, 4006
- immunity 4005, 4291
 - reviews 4006-4009
- immunization 673, 1063, 1111, 4134
 - mathematical models 4588
 - reviews 676, 2607, 2715, 3111, 3549, 4022-4024, 4033
- immunocompromised hosts
 - drug resistance 1966
 - prophylaxis 1947
- immunodiagnosis 163, 1807, 2200, 2699, 3990
 - reviews 4258
- immunology 1063
 - reviews 2166
- immunotherapy 4173
 - India 1671-1672, 3380
 - control 400, 1246, 3676
 - epidemiology 1671, 1899, 2320, 2324, 3202, 3794, 4999, 5015, 5020
 - Indonesia 1492
 - control 1268, 3673
 - information services, India 2017
 - Italy 4302
 - control 3238
 - epidemiology 1171
 - Japan 476, 980
 - Kenya 4212
 - epidemiology 2321, 4106, 4603
 - Kuwait 4728
 - Liberia 4291
 - Madagascar, epidemiology 300, 1510, 2790-2792
 - Malaysia 2950
 - control 3744
 - epidemiology 798, 835, 2800
 - Mali 1290
 - epidemiology 1511
 - Mauritius, epidemiology, reviews 1503
 - Mediterranean Countries, epidemiology 1647-1649
 - Mexico
 - control 3666
 - epidemiology 3666
 - molecular genetics, reviews 2603
 - Myanmar, epidemiology 1181
 - natural selection 3501
 - Niger 940
 - Nigeria 2551, 4733
 - epidemiology 4603
 - Papua New Guinea
 - control 2815
 - epidemiology 2540, 2711
 - pathology 199, 1122-1123, 1126, 1672, 4909
 - reviews 2227
 - physiopathology, reviews 2166
 - pregnancy 3828
 - prevalence 2504
 - prophylaxis 12, 334, 341, 843, 1274, 1926, 1928, 1930, 1981, 1983, 2370, 2813, 2828, 2885, 3271, 3313, 3704, 3737, 3831, 4231, 4616, 4630
 - psoriasis 3721
 - reviews 1927, 2371
 - relapse, reviews 4700
 - resistance 3501
 - Reunion, epidemiology, reviews 1503
 - reviews 73, 1320, 2116, 2121
 - rural development 2322
 - Rwanda, economic analysis 1038
 - Sao Tome and Principe, epidemiology 4110
 - Saudi Arabia 4715
 - sickle cell anaemia, Nigeria 4732
 - South America, control 322
 - South East Asia
 - epidemiology 311
 - resistance 3195

Man cont.*Plasmodium cont.*

- Southwest Pacific, control, history 4278
- Sri Lanka 3793
 - control 1247, 3745
 - epidemiology 786, 1179, 1785
- Suriname, epidemiology 820
- susceptibility 1810
- Switzerland 2850
- symptomatology 4291
- symptoms 2231
- Taiwan, epidemiology 317
- Thailand
 - control 916, 2926, 4289
 - economic analysis 4785
 - economic impact 4289
 - epidemiology 817, 2926
 - health centres, economic analysis 4785
 - social impact 4289
 - Togo 2835
 - transmission 835, 4715
 - treatment 2835, 2850
 - reviews 1214
 - toxicity, chloroquine 368
 - tropics, missionaries 1498
 - Turkey, epidemiology 4603
 - USA 2032
 - epidemiology 1523
 - transmission 4122-4123
 - USSR 2960
 - control 5026
 - epidemiology 5026
 - Zaire 3829
 - epidemiology 1504
 - symptomatology 2546
 - Zambia 1674, 2001
- Plasmodium falciparum*
 - Africa, prophylaxis 3691, 5055
 - Algeria, epidemiology 5007
 - antigens, cross reaction 3965
 - Australia 4301, 5013
 - Austria 850
 - Benin 3814
 - Brazil 1380
 - Burkina Faso
 - control 909, 3325
 - drug resistance, chloroquine 1971
 - epidemiology 1494, 3651
 - morbidity 3392
 - mortality 3392
 - Cameroon 4913, 5002
 - drug resistance, chloroquine 861
 - Canada 1659, 2030
 - Central African Republic 3389
 - China 2511
 - Colombia, epidemiology 1497
 - Comoros
 - control 1245
 - epidemiology 4591
 - Congo 3821, 4156
 - control 1640, 3674
 - Côte d'Ivoire 3839
 - diagnosis 426, 430, 1627, 1629, 3341, 3346, 3348, 4262, 4688, 5138
 - Djibouti 2799
 - Dominican Republic, epidemiology 1513
 - drug therapy 333, 344, 363, 372, 850, 861, 1200, 1205, 1212, 1222, 1540, 1547, 1554, 1569, 1572, 1935, 1948, 1951, 1956, 1969, 2364, 2367, 2401, 2408, 2430, 2827, 2838, 2853, 2871, 3249, 3251, 3257-3258, 3261, 3266-3267, 3285, 3379, 3681, 3686, 3688, 3695, 3700, 3702, 3786, 3832, 4138, 4156, 4163, 4168-4169, 4174, 4196, 4632, 4648, 5002, 5039, 5052-5053, 5063, 5075, 5080, 5097, 5106
 - Africa 848
 - cost benefit analysis 2819
 - reviews 1924, 1942, 3705, 5054
 - treatment failure 4631
 - Egypt 970
 - Ethiopia 3
 - France 359, 1676, 1795, 2401, 3249, 3818-3819, 4730

Man cont.*Plasmodium falciparum cont.*

- French Guiana 1677
- Gabon 640, 3391
- Gambia 4038
 - mortality 2559
 - natural selection 3544
 - prophylaxis 1549
 - resistance 3544
- Germany 967, 1276, 3257
- glomerulopathy 4908
- glucose-6-phosphate dehydrogenase, India 3650
- haematology 1135, 1196, 2744
- histiocytosis, immune response 4473
- host parasite relationships 3129
- human immunodeficiency virus
 - India 3512
 - Zaire 788
- immune evasion 3973
- immune response 131, 145, 149, 195, 618, 639, 1071, 1100, 1365, 1373, 1773-1775, 1787, 2189, 2677, 2685, 2694, 3117, 3196, 3506, 3512, 3515, 3954-3955, 3958, 4427, 4430, 4435, 4591, 4845-4846, 4858
 - prophylaxis 343
 - reviews 3525
- sickle cell trait 3072
- immunity 667, 1100, 1153, 3107, 3113
 - antibodies 1408
 - thalassaemia 1408
- immunization 131, 692, 1410, 1640, 1773, 1786, 1817, 1820-1821, 3113, 4021, 4029-4032, 4890, 4895, 4899
 - reviews 2718, 4464
- immunodiagnosis 140, 161, 1087, 1089, 1289, 1804, 2705, 2962, 3093, 3099, 4450
 - urine 1380
- immunology 3113
- immunopathology 1416, 2698, 3117
- immunotherapy 1543, 3680
- India 968, 1682, 1908, 2189, 4641
 - control 2317, 2449, 4107
 - epidemiology 2317, 4107, 5016
- Indonesia 667
- Israel 2946
- Italy 2503
 - transmission 1906
- Japan 3099
- Kenya 22
 - epidemiology 3659
- Liberia 1153
- Madagascar 1288-1289, 3258
 - drug resistance, chloroquine 2866
 - epidemiology 789, 2791-2792, 3222
- Malaysia 2519, 2705
- Mali 1291
- measles, Tanzania 1324
- Netherlands 966
- Nigeria 2953, 3283, 4479
- Papua New Guinea 2698
 - splenomegaly 2692
- pathogenesis 2241, 2740, 3129, 3827
- pathogenicity 1431, 3563, 4913
- pathology 195, 1127, 1423, 2725, 2728, 3121, 3559, 4039, 4479
- Philippines 4169
- Plasmodium vivax*
 - China, mixed infections 2512
 - USA 3384
- pregnancy 3830, 3832
- prophylaxis 354, 376, 866, 1172, 1550, 1582, 1597, 1954-1956, 2836, 3246, 3264-3265, 3706, 4156, 4224, 4230, 4629, 5049, 5051, 5063, 5069
 - reviews 1942
- resistance 1403, 1682, 2711
- Reunion, control 4132
- Saudi Arabia 360
- Senegal 1658
 - drug resistance, chloroquine 2867
- sickle cell anaemia 2542
- Gabon 3835

Man cont.*Plasmodium falciparum* cont.

- sickle cell trait, immune response 4412
- Sri Lanka 1660
- epidemiology 1527
- Suriname, epidemiology 4115
- Sweden 1217
- Switzerland 3379
- Tanzania 333, 1365
- control 912-915
- Thailand 4168, 4688
- epidemiology 815
- transmission 1494, 1907-1908, 3228, 3651
- heart transplant 2545
- travel 2929
- treatment 1196, 1199, 2839, 3249, 3786, 4149, 4164, 5053
- reviews 3705
- UK 866, 1662, 2537
- USA 2038
- USSR 978
- Vietnam 2962
- Zaire, pregnancy 2228
- Zambia 3121
- Zimbabwe 3559
- prophylaxis 4175

Plasmodium malariae

- Algeria, epidemiology 5007
- Côte d'Ivoire 3839
- glomerulopathy 4908
- immunity, splenectomy 4882
- immunodiagnosis 1392
- India 2934

Plasmodium ovale

- Belgium 867
- Malaysia 2518
- prophylaxis 867
- UK 2523

Plasmodium vivax

- Australia 355, 4301
- Bangladesh, epidemiology 4594
- Brazil 1380
- epidemiology 1525-1526
- Canada 4721
- China
- control 1191, 2447
- epidemiology 3218, 3646
- congenital infection, prophylaxis 4729
- diagnosis 440, 5138
- drug therapy 5064
- reviews 5054
- France 2533, 4382
- Gabon 1885
- glucose-6-phosphate dehydrogenase, India 3650
- host parasite relationships, evolution 3950
- immune response 3959, 4421, 4497
- immunization, reviews 4464
- immunodiagnosis 1391, 2962, 3099, 3995, 4447
- urine 1380
- immunopathology 1418
- India 968, 1661, 1908
- control 2449
- epidemiology 1895, 5016
- Israel 2946
- Japan 3099
- Korea Republic, reviews 3647
- Madagascar 1885
- Mexico, epidemiology 811
- pathogenesis 4497
- resistance 2711
- Sri Lanka
- epidemiology 1527, 5028
- immunity 4883
- transmission 1908
- mathematical models 3227, 5028
- USA 467, 2033, 3384, 5050
- malaria therapy 3667
- USSR 2962
- Vietnam 2962

Pneumocystis carinii 3462

- cytomegalovirus, interactions 3048
- diagnosis 936
- reviews 4259
- drug therapy 5059
- reviews 1924
- Europe 584

Man cont.*Pneumocystis carinii* cont.

- eyes 3396
- France 3397
- herpes simplex virus, interactions 3048
- human immunodeficiency virus 1735, 2148, 2830, 3042, 4792
- Australia 2627
- Canada 326, 2651, 3461
- Chile 4251, 4368
- Côte d'Ivoire 3047
- cytomegalovirus, interactions 86
- Denmark 3051
- diagnosis 193, 423-424, 428, 433-434, 1542, 2130, 2470, 2637, 2912, 2914-2915, 2921, 3345, 4251, 4690, 5132, 5135, 5139
- reviews 2640
- disseminated infections 2230, 3929
- drug therapy 326-327, 367, 888, 1193, 1558, 1932, 2133, 2380, 2432, 2846, 2874, 2886, 2891, 3270, 3734, 4171, 4228-4229, 4623, 5043, 5061
- reviews 3685
- extrapulmonary infection 2624
- France 2143, 3471, 3480, 3816, 3925, 4802, 4804
- general account 3475
- Germany 1193, 2620
- Hong Kong 3046
- immune response 619, 2187, 4359
- immunodiagnosis 434, 5132
- Italy 1045, 3473, 3915
- mortality 3048, 3922
- Netherlands 2140, 3459
- pathogenesis 2652
- pathology 96, 193
- pneumothorax 2633
- prognosis 424, 3044
- prophylaxis 1542, 1747, 1931, 2365, 2368, 2620, 2637, 2826, 2831, 2840-2841, 2843, 2846, 2887, 2915, 3247, 3259-3260, 3460, 3692, 3697, 3929, 4155, 4157, 4160, 4166, 4170, 4800-4801, 5043, 5057, 5065, 5067-5068
- pentamidine, aerosols 325
- reviews 2640, 3050, 3685, 5152
- radiography 4791
- reviews 1737, 2137, 2142, 2144, 2616, 3795, 4040, 4814
- scintigraphy 3697
- Spain 433, 1738, 2130, 3472, 4364
- Switzerland, epidemiology 4809
- T lymphocytes 3933
- treatment 1327, 2369, 2834, 2844, 3051
- reviews 2640
- toxicity, trimethoprim 4217
- Tunisia 1332
- UK 93, 2132, 2135, 2636, 2647
- USA 193, 336, 888, 1732, 1734, 1741, 1747, 1932, 2139, 2621, 2625, 2641, 2645, 3312, 3460, 3474, 3476-3477, 3479, 3917, 3920, 3932, 4357, 4795, 5059
- epidemiology 1328
- reviews 3913
- immune response 3070, 3526
- immunocompromised hosts
- Chile 4251
- diagnosis 1626, 2910-2911, 2921-2922, 3755, 4251, 4264, 4805, 5128, 5136
- reviews 934
- drug therapy 2842, 4144, 4648
- reviews 3241
- France 2143, 2623
- immune response 3979
- immunodiagnosis 162
- immunological deficiency 3979

Man cont.*Pneumocystis carinii* cont.

- immunocompromised hosts cont.
- Japan 3931
- treatment 3682
- Netherlands 4805
- osteomyelitis 4361
- prophylaxis 342, 2376, 2427, 2849, 3703, 4177, 5060
- reviews 2146, 3896, 4040, 4813
- Switzerland 1736
- transmission 2333
- UK 1740, 3045, 4794
- USA 2554, 2622, 2639, 2644, 3043, 4358
- immunology 2632
- Italy 1046
- leukaemia, remission 4799
- prognosis 2139
- prophylaxis 345, 2363
- reviews 581, 2650
- rheumatoid arthritis, methotrexate 2617-2618
- transmission 584
- treatment 3480
- UK, epidemiology 3469
- USA 94
- post kala azar dermal leishmaniasis, drug therapy 3689
- primaquine, pharmacokinetics 2871, 2888
- proguanil, pharmacokinetics 887
- prophylaxis 1952
- Plasmodium* 1601
- protozoa
- Africa, epidemiology 3825
- bacteria, interactions 2553
- Cameroon 3385
- Canada 411
- China, control 4130
- control 1993, 2347
- Czechoslovakia 2039
- diagnosis 1258, 2004, 2474-2475
- direct wet mounts 2900
- faeces 4692
- reviews 4691
- drug therapy, reviews 1924, 1938, 1944
- ecology 72
- Ecuador 1683
- France 3817
- Germany, history 3771
- history 6
- host parasite relationships 1166
- reviews 3639
- human immunodeficiency virus 1329, 3478, 4288
- data processing 415
- developing countries, reviews 4360
- Italy 2138
- pathology 702
- prophylaxis, reviews 1921
- reviews 3912
- immune response, reviews 4012
- immunity, reviews 4011-4012
- immunization 1412
- immunocompromised hosts
- immunological deficiency 87
- reviews 3916
- immunodiagnosis, reviews 1088
- immunology 112
- Japan 979
- Korea Republic, epidemiology 30
- Lao 2535
- molecular genetics, reviews 2603
- pathology, mental ability 4478
- population dynamics 72
- reviews 26, 2115, 2553
- Saudi Arabia 969
- South Africa 4478
- susceptibility 1166
- transmission, nosocomial infections 4614
- Tunisia 3812
- USA 2117
- USSR 1679, 2960
- status report 2957-2958
- water, disinfection 404
- pyrimethamine 1564, 5079, 5082
- pharmacokinetics 2871, 4208

Man cont.

- pyrimethamine sulfadoxine 354, 1221, 3695, 4185
- pharmacokinetics 1582
- pyrimethamine sulfadoxine mefloquine 3690
- quinacrine, pharmacokinetics 1977
- quinidine, pharmacokinetics 4196
- quinine 3281, 3713, 4185
 - pharmacokinetics 383, 2409, 3722-3723, 4196, 5092, 5097
- Retortomonas hominis* 976
- Sarcocystis* 71
 - Australia 2529
 - Czechoslovakia 4296
 - Malaysia
 - reviews 5034
 - zoonoses 5034
 - transmission, reviews 3669
- Sarcocystis capreolicanis*, Germany 1673
- Sarcomastigophora*
 - Brazil 4294
 - India, epidemiology 4998
 - Jamaica 2127
 - Kenya 14
- sodium stibogluconate 1566
- sulfadoxine, pharmacokinetics 2871
- toxicity
 - amodiaquine 4231
 - antimalarials 4215
 - reviews 1988
 - benznidazole 3301
 - chloroquine 1592, 1594, 1596, 1598, 1601, 1983, 2400, 3310, 3313, 3727, 3730, 4212, 4216, 4222, 4660, 5101
 - psoriasis 3721
 - treatment, chlorpheniramine 368
 - dapsone 1327, 5043
 - ganciclovir 1327
 - halofantrine 1592, 4220
 - hydroxychloroquine 1983, 2400, 3310, 4660
 - reviews 3311
 - ketoconazole 3689
 - mefloquine 376, 895, 1954, 2401, 3307, 4224, 4230
 - mequmine antimonate 4653
 - melarsoprol 851, 853, 1237, 3315, 3738
 - mepacrine 5101
 - metronidazole 375
 - nifurtimox 3301
 - pentamidine 888, 1327, 1566, 2874, 2886, 2891, 3312, 4218-4219, 4228-4229, 4659
 - aerosols 2875
 - primaquine 4215
 - proguanil 3737
 - psoriasis 3721
 - pyrimethamine, treatment, folic acid 4217
 - pyrimethamine sulfadoxine 4215
 - quinine 2120, 2408, 2417, 2434, 4213
 - sulfa drugs 4663
 - sulfadiazine 4214
 - sulfamethoxazole trimethoprim 2884
 - suramin 2883, 3305
 - tinidazole, treatment, Mildronate 4162
 - trimethoprim 1327
 - treatment, folic acid 4217
 - trimethoprim sulfamethoxazole 367, 2368, 2432, 3734, 5043
 - zidovudine 1327
- Toxoplasma*
 - China 981, 985
 - pathology 981
- Toxoplasma gondii* 78, 4325
 - Austria 3847
 - Bahrain 3846
 - Belgium 425
 - bone marrow transplant, reviews 2145
 - Central African Republic, epidemiology 1506
 - China 513, 2507, 4718
 - epidemiology 2309
 - Congo, epidemiology 1507
 - control, reviews 323

Man cont.

- Toxoplasma gondii* cont.
 - diagnosis 425, 473, 2003, 2543, 2917, 3123, 3164, 3344, 4249, 4261, 4263, 5130, 5137
 - reviews 2002, 4257
 - drug therapy 1953, 4158, 4161, 4208, 4704
 - reviews 1943, 2002, 2374
 - epidemiology, reviews 4120
 - Epstein-Barr virus, interactions 2936
 - eyes 3396
 - France 1665-1666, 2536, 2917, 3833, 3992
 - general account 3453
 - host parasite relationships 288
 - human immunodeficiency virus 2148
 - Austria 2648
 - Brazil 2128
 - congenital infection 3909
 - Denmark 3930
 - diagnosis 939, 2045, 2943, 3340, 4363
 - reviews 5131
 - drug therapy 576-577, 1937, 1949, 2829, 2848, 3263, 4143, 4214, 4625
 - France 1745, 3470, 3528, 3925-3927, 4804
 - Germany 3466
 - immune response 2045, 2174, 3528, 4359
 - immunodiagnosis 165, 647, 1395, 2706
 - Italy 2615
 - epidemiology 5003
 - misdiagnosis 939
 - Netherlands 2649, 3459
 - pathology 583, 2147
 - prophylaxis 2136, 2829, 3260, 4155, 4800-4801, 5065
 - reviews 1737, 3795, 4803
 - Spain 2642, 4363
 - treatment, toxicity, pyrimethamine 4217
 - Uganda 1044
 - UK 93, 1047, 2628, 4367
 - USA 575, 2621, 3464, 4808
 - reviews 3914
 - Zambia 1044
 - immune response 144, 288, 1376, 1766, 2670, 3066, 3999, 4438, 4847
 - immunocompromised hosts
 - Argentina 1331
 - diagnosis 2045, 2943
 - drug therapy 4648
 - immune response 2045
 - immunotherapy, reviews 3962
 - reviews 578
 - Switzerland 3463
 - UK 2635, 4811
 - USA 3039
 - immunodiagnosis 473, 1097, 1394, 1805, 2128, 2193, 2683, 2701-2703, 3100-3101, 3533, 3989, 3992, 3994, 3997-3999, 4001, 4442, 4448, 4865, 4869, 4876, 4878-4880
 - reviews 4257
 - India 2935, 5010
 - epidemiology 1663
 - Italy 2048, 3796-3797, 3848
 - control 2899
 - epidemiology 2311
 - Jamaica 2940
 - Netherlands 4295
 - epidemiology 4109
 - Nigeria, epidemiology 5008
 - pathology 2955, 3123
 - pregnancy, diagnosis 2731
 - prophylaxis, reviews 1943
 - reviews 1321, 4351
 - Sudan, epidemiology 4599
 - Sweden 2947
 - tonsillitis, Egypt 990
 - transmission 2809
 - prevention 4119
 - reviews 4120
 - Turkey 4300

Man cont.

- Toxoplasma gondii* cont.
 - UK 473, 2040, 2543, 2936, 2956, 4297
 - epidemiology 4108
 - USA 2948
 - Zaire 465
 - epidemiology 1505
 - zoonoses 2340
- Trichomonas*, control, reviews 323
- Trichomonas hominis* 976
 - China, diarrhoea 1282
 - diarrhoea 1282
- Trichomonas intestinalis*, Tunisia 3812
- Trichomonas vaginalis* 11
 - Africa, epidemiology 3825
 - arthritis, Italy 2558
 - Botswana 1656
 - diagnosis 439, 1095, 2477
 - drug therapy 375, 2377, 3262, 4187, 5042
 - immune response 2181, 2184
 - immunodiagnosis 1095, 2477, 4449
 - India 1655, 3374
 - epidemiology 3199
 - Kenya 22
 - neoplasms, Italy 3908
 - Nigeria 4727
 - pathogenicity 4496
 - reviews 1657
 - Sudan 3386
 - transmission 2329
 - treatment, toxicity, tinidazole 4162
 - USA 375, 2328
 - epidemiology 5005
- tropical diseases 1284
 - conferences, USA 5157
- Trypanosoma*
 - Africa
 - control 838
 - epidemiology 793
 - Cameroon 2028
 - Congo, epidemiology 4125
 - control, water management 1992
 - Côte d'Ivoire 767
 - diagnosis, reviews 2606, 4255
 - drug therapy 2351
 - reviews 2374, 4145
 - epidemiology 3215
 - human immunodeficiency virus
 - Cameroon 2531
 - Central African Republic 2531
 - Congo 2531
 - immunodiagnosis 2028, 2195, 4864
 - reviews 4255
 - immunology 112
 - Japan 980
 - Liberia 767
 - molecular genetics, reviews 2603
 - resistance, serum 662
 - reviews 75, 1320
 - Zaire
 - control 2344
 - prevention 2344
 - Zambia, knowledge level 3645
- Trypanosoma brucei*
 - Africa, reviews 2119
 - drug therapy, reviews 1941
 - infectivity 2286
 - Kenya, epidemiology 4552
- Trypanosoma cruzi*
 - achalasia, Guyana 4787
 - antigens 143, 4074
 - Argentina 1188
 - control 3213, 3664
 - epidemiology 2306, 3213, 3415, 3664, 4595, 5027
 - Brazil 215, 2729, 3375, 3841, 4689
 - control 3742
 - epidemiology 1286, 1529, 3197, 3217
 - cardiovascular diseases 4487
 - Central America, transmission 2544
 - Chile 3966
 - diagnosis 3338-3339, 4074, 4250, 4689, 4965, 5129
 - problems 438
 - drug therapy 3301
 - Ecuador, epidemiology 785
 - epidemiology, urban development 5004

Man cont.

- Trypanosoma cruzi* cont.
 general account 1428
 history, Brazil 1635
 host parasite relationships 1449
 human immunodeficiency virus, USA 4807
 immune response 644, 1070, 1857, 2177
 immunocompromised hosts
 Argentina 1331
 Spain 3225
 transmission 3225
 USA 2554
 immunodiagnosis 652, 1499, 1806, 2198, 3069, 3094-3096, 4445-4446, 4877
 immunosuppression 2219
 Latin America, reviews 2119
Leishmania braziliensis, interactions 4074
 Mexico, epidemiology 1499
 North America, transmission 2544
 pathogenesis 716, 2246, 4041
 pathology 203, 718, 1825-1826, 2729
 prognosis 442
 reviews 76, 2610
 rural development 2322
 South America
 control 3671
 transmission 2544
 susceptibility 3197
 transmission 1186, 1286
 treatment 2860
 Trinidad and Tobago 2939
 epidemiology 4600
 USA 21, 3808
Trypanosoma gambiense
 Africa, control 4128
 Benin 4717
 Cameroon 1667, 2285
 Central African Republic, epidemiology 5018
 Congo, control 2443
 Côte d'Ivoire 706, 853
 diagnosis 3845, 5141
 drug therapy 852-853, 1237, 1982, 2350, 2352-2354, 3315, 3738
 Equatorial Guinea
 control 2346, 5036
 epidemiology 792
 general account 3900
 immune response 2170
 immunodiagnosis 2285, 3993, 4444, 4717, 4873-4874
 pathogenesis 1134
 pathology 706, 3776
 UK 3845
Trypanosoma rangeli, immune response 1857
Trypanosoma rhodesiense
 Africa, control 4128
 diagnosis 2451
 drug therapy 851
 general account 3900
 immunodiagnosis 4867, 4872
 pathogenesis 1134
 Tanzania 4872
 Uganda 471, 2029, 4872
 Zambia 4872
 epidemiology 2302
Trypanosoma (Trypanozoon), Zambia, epidemiology 5006
 vector-borne diseases
 Central America 3895
 epidemiology, assessment 4605
Mannose, *Trypanosoma gambiense*, *in vitro* 920
Mansonella africana, *Tricornia muhezae*, new genus, new species, Tanzania 4374
Manures, protozoa 1902
Marine fishes
Petaloma epinephelis, fish farms 2596
 protozoa 564
 Barents Sea 1509
 Taiwan, fish farms 3021
Trypanosoma murmanensis, Canada, transmission 4615
Marine mammals, protozoa, Canada, checklists 4275
Marine molluscs, *Perkinsus*, Australia 558

Marine sediments, furazolidone, pollution 1232

Marion Island

- Gregarina munieri*
Antarctonesiotes elongatus
 new geographic records 3892
 new host records 3892
Bothrometopus randi
 new geographic records 3892
 new host records 3892
Dusmoecetes marioni
 new geographic records 3892
 new host records 3892
Mesembriorhynchus brevis parvulus
 new geographic records 3892
 new host records 3892
Palirhoes eatoni
 new geographic records 3892
 new host records 3892

Marteilia maurini, *Mytilus galloprovincialis*, Spain 1721

Martes

- Hepatozoon*, nervous system diseases 84
Toxoplasma gondii
 Germany 2993
 nervous system diseases 84

Maternal antibodies

- Giardia duodenalis* 3545
Plasmodium falciparum 640
Trypanosoma congolense, n'dama, Gambia 3516
Trypanosoma vivax, n'dama, Gambia 3516

Maternal immunity, *Cryptosporidium* 661

Mathematical models

- antimalarials, pharmacokinetics 5098
Babesia bovis
Boophilus microplus, South America, transmission 4111
 cattle, South America, epidemiology 4111
Giardia duodenalis, man, transmission 416

- host parasite relationships 4574
Leishmania
 dogs, epidemiology 5001
Phlebotomus, transmission 5001
 molecular genetics, host parasite relationships 4089
 parasites, epidemiology 1174
Plasmodium
Anopheles, transmission 4113
 man
 epidemiology 3202, 4113, 4588
 immunization 4588
Plasmodium berghei, transmission, *Anopheles stephensi* 4116
Plasmodium falciparum, drug resistance 1564
Plasmodium vivax, man, transmission 3227, 5028
Pneumocystis carinii 2903
 protozoa, human immunodeficiency virus, interactions 2781
Trypanosoma
 cattle, control 2345
 immune response 4590
Trypanosoma congolense, *Glossina morsitans* 1517

Mauritania

- Leishmania major*, man 4561
Theileria annulata, cattle 1700
Mauritius, *Plasmodium*, man, epidemiology, reviews 1503

- MDL**, mode of action 3299
MDL 27 695, *Leishmania donovani*, mice 864
MDL 73811, *Trypanosoma brucei*, *in vitro* 3299

- Measles**, *Plasmodium falciparum*, man, Tanzania 1324
Meat, diseases, livestock 1271
Mebendazole, toxicity, rats 2895
Mechanical ventilation, *Pneumocystis carinii*, human immunodeficiency virus, man 3051

- Medical entomology**, nomenclature, books 3370
Medical parasitology
 books 3781
 atlas 3784

Medical parasitology cont.

- laboratory methods, books 3783
Medicinal plants, books 458
Mediterranean Countries
Anopheles 1647-1649
Leishmania, *Phlebotomus* 1162
Plasmodium, man, epidemiology 1647-1649
Mefloquine
 adsorption, charcoal 3735
 antimalarials, interactions, *in vitro* 3300
 drug metabolism 3300
Giardia duodenalis, *in vitro* 1591
 man, pharmacokinetics 372, 1582, 2425, 2871
 metabolites, *Plasmodium falciparum*, *in vitro* 1236
 mode of action 379
 pharmacokinetics 372, 1582, 2425, 2871
Plasmodium
 animals 2381
 man 2381, 3307, 4224, 5054
Plasmodium falciparum 1568
 Africa, drug resistance 4185
 Benin, drug resistance 1570
 Cambodia, drug resistance 5075
 Cameroon, drug resistance 3282
 Central African Republic, drug resistance 1217
 Congo, drug resistance 3713
in vitro 353, 1964, 3681
 mode of action 379
 man 333, 344, 372, 376, 1554, 1582, 1942, 1954, 2401, 2871, 3257, 3691, 3702, 4138, 4230, 5051, 5053, 5055, 5069, 5075
 Somalia, drug resistance 1218
 Thailand, drug resistance 353, 1547
Plasmodium vivax, Papua New Guinea, drug resistance 5078
 reviews 2381
 structure activity relationships 3294
 toxicity
 man 376, 895, 1954, 2401, 3307, 4224, 4230
 rats 900
Megatrypanum, reindeer, Sweden, reviews 2974
Megazol
 mode of action 2433
Trypanosoma cruzi, *in vitro*, mode of action 2433
Meglumine antimonate
Leishmania 2047
in vitro 2420
 man 4218
Leishmania amazonensis, man 1, 2031
Leishmania braziliensis, man 4653
Leishmania mexicana, man 1285
Leishmania panamensis
 hamsters 1544
 man 3698
Leishmania tropica, man 1202, 4167
 toxicity, man 4653
Meglumine antomoniolate, *Leishmania*, dogs 1209
Melaminylthioarsenate, *Trypanosoma brucei*, mice 1206
Melanocharis nigra, *Haemoproteus nucleophilus*, new species, Papua New Guinea 98
Melanogrammus aeglefinus, *Goussia gadi*, Canada 548
Melarsoprol
 α -difluoromethylornithine, *Trypanosoma*, man 2351
 man, pharmacokinetics 927
 mice, pharmacokinetics 2349
 pharmacokinetics 927, 2349
 toxicity
 man 851, 853, 1237, 3315, 3738
 mice 2349
Trypanosoma, mice 2349
Trypanosoma gambiense, man 853, 3315, 3738
Trypanosoma rhodesiense, man 851
Trypanosoma vivax, *in vitro* 892
Meles meles, *Trypanosoma pestanae*, France 1482
Melopsittacus undulatus
Leucocytozoon, UK 63

- Melopsittacus undulatus** *cont.*
Sarcocystis falcatula, experimental infections 3433
- Membrane potential**
Leishmania donovani
 amastigotes 3632
 promastigotes 3632
- Membrane proteins, Trypanosoma brucei**
 4970
- Meningoencephalitis, amoebae, sheep** 2984
- Menotone**
Plasmodium berghei, mice 3684
Theileria annulata, cattle 4150
- Mepacrine, toxicity, man** 5101
- Mephitis mephitis, Toxoplasma gondii, USA**
 4104
- Meriones lybicus**
Leishmania gerbilli, USSR 2316
Leishmania major, USSR 2316
Leishmania turanica, USSR 2316
- Meriones unguiculatus**
Babesia divergens
 drug therapy, immunization 4025
 immunization
 imidocarb 4025
 oxytetracycline 4025
 nonspecific immunostimulation 4025
Entamoeba histolytica
 immunization 3548
 immunological deficiency 4902
Giardia, infectivity 1402
Giardia duodenalis
 experimental infections 528
 infectivity 3519
 physiopathology 4904
Trypanosoma evansi, susceptibility 666
- Merluccius bilinearis, Goussia clupearum, Canada** 548
- Merocyanine**
 photoirradiation
Plasmodium berghei, red blood cells 847
Plasmodium yoelii, red blood cells 847
- Merops apiaster, Haemoproteus gavrilo, new species, USSR** 2655
- Merozoites, Babesia equi** 627
- Mesembriornis brevis parvulus**
Gregarina muniti
 Marion Island
 new geographic records 3892
 new host records 3892
- Mesocyclops albicans, Amblyospora dyxoides, development** 3760
- Messenger RNA**
Leishmania donovani 270
Sauroleishmania tarentolae 4961
Theileria parva 4586
Trypanosoma brucei 4076
Trypanosoma cruzi 746, 3172
Trypanosoma rhodesiense 3601
Trypanosomatidae, reviews 2604
- Metabolic inhibitors, Trypanosoma cruzi**
 1444
- Metabolism**
Acanthamoeba castellanii 3162
Giardia duodenalis, in vitro 4935
Leishmania donovani 2750
 amino acids 3138
Leishmania major 2750
Plasmodium falciparum 4509
 lactic acid 4060
 protozoa 223
 rumen protozoa, amino acids 3163
Trypanosoma congolense 1138
Trypanosoma cruzi 1444
- Metakelfin (see pyrimethamine sulfalene)**
- Metastasis**
Leishmania, hamsters 1310
Leishmania braziliensis, *Callithrix penicillata* 1684
- Metayage, Trypanosoma, n'dama, Zaire**
 2059
- Methotrexate**
Pneumocystis carinii 94
 rheumatoid arthritis, man 2617-2618
- Methyl prednisolone**
Eimeria aspheronica 4471
Eimeria ninakohlyakimovae 4471
- Methylamine**
Leishmania donovani, macrophages, in vitro 4938
Leishmania mexicana, macrophages, in vitro 4938
- Methylene blue, Piscinodinium, Puntius gonionotus** 328
- N-methylglucamine antimoniate, Leishmania, man** 335
- Methylprednisolone**
Pneumocystis carinii
 human immunodeficiency virus, man 3734
 rats 1743
- Metronidazole**
 aminohexanoic acid, *Trichomonas vaginalis*, man 2377
 bacteria, in vitro 3736
 determination 378
 drug residues, urine 2416
Entamoeba histolytica
 in vitro 893
 man 1546
Giardia duodenalis
 drug resistance 4176
 in vitro 1591
 man 5066
 intestinal microorganisms 4207
Leishmania
 in vitro, promastigotes 3683
 man 1195, 1557
 man, pharmacokinetics 5093
 microsporidia, human immunodeficiency virus, man 2854
 performance testing 894
 pharmacokinetics 370, 5093
 protozoa, man 1938
 rats, intestinal microorganisms 4207
 reviews 1989, 3304
 structure activity relationships 3296
 techniques, determination 4205
 toxicity, man 375
Trichomonas vaginalis
 drug resistance 4187
 man 375
 mice 2741, 4982
- Mexico**
Acanthamoeba, man 3806
Aggregata, Octopus tehuichus 1032
Anopheles, control 3666
Anopheles vestitiipennis 811
Cryptosporidium, man 3388
Eimeria, cattle 3403
Eimeria ladroneis, Neotoma lepida 3002
Entamoeba histolytica
 man 3097, 4724
 epidemiology 800
Giardia duodenalis
 man 4724
 epidemiology 307, 800
Leishmania mexicana, man, control 4133
Plasmodium
 crocodiles 2094
 control 3666
 epidemiology 3666
Plasmodium vivax
 man 4447
 epidemiology 811
Sarcocystis, cattle 3402
Sarcocystis cruzi, cattle 1697
Toxoplasma gondii, sheep, epidemiology 2573
Trypanosoma cruzi, man, epidemiology 1499
- Mice (see named genera for infections in the wild)**
Acanthamoeba, pathogenicity 447
Acanthamoeba castellanii, pathogenicity 2255-2256
Acanthamoeba jacobsoni, pathogenicity 4816
Babesia rodhaini
 drug therapy 3279
 immune response 3279
Caryospora bigenetica, experimental infection 1309
 cerebral malaria, immunization 4891
 chloroquine, pharmacokinetics, liposomes 2421
- coccidia*, control 3326
Cryptosporidium 529
 immunity 658
 infectivity 4384
 Korea Republic 3894
Cryptosporidium muris
 experimental infections 3432
 Korea Republic 3876
Cryptosporidium parvum
 drug therapy 865
 experimental infection 3005
 immunocompromised hosts 580
 experimental infection 579
 immune response 4419
 immunological deficiency 580
 infectivity 4384, 4418
 pathology 1420
Cryptosporidium wrairi, infectivity 4418
 diminazene 2392-2394, 4642
Eimeria apionodes, experimental infections 413
Eimeria tenella, immunodiagnosis 1096
Entamoeba histolytica
Clostridium perfringens
 interactions 1325
 pathogenicity 1325
Escherichia coli
 interactions 1325
 pathogenicity 1325
 immune response 4843
 pathogenicity 191
 flavins, pharmacokinetics 2413
Giardia duodenalis
 drug therapy 1939
 experimental infection 2582
 host parasite relationships 781
 immune response 621, 1372
 immunization 4894
 New Zealand 3877
 pathogenesis 3569
 pathogenicity 1433
 pathology, experimental infections 4477
Giardia muris 1021
 experimental infections 4243
 immune response 4424
 infectivity 4760, 5119
 pathogenicity 4493
 resistance 4493
 gossypol, pharmacokinetics 3733
Hammondia hammondi, immunodiagnosis 4437
Hexamita muris 1021
 isometamidium 2392-2393, 4642
Leishmania
 immune response 138
 immunotherapy 1784
 resistance, reviews 170
Leishmania aethiopica, pathogenesis 2238
Leishmania amazonensis
 immune response 1381
 resistance 1405, 2716
Leishmania braziliensis, experimental infection 419
Leishmania donovani
 drug therapy 337, 864, 871, 1226, 1929, 3253, 4194, 4627, 4656, 5087
 immune response 4903
 immune response 642
 sodium stibogluconate 4903
 immunization 695
 immunology 337
 immunosuppression 696
 immunotherapy 2373
 pathology 3556
 prophylaxis 1929
 susceptibility 670
Leishmania infantum infantum, immune response 4432
Leishmania major
 drug resistance, paromomycin 844
 drug therapy 844-845, 4621
 histopathology 1120
 immune response 845, 1069, 3077, 3505
 immunity 3505
 ultraviolet radiation 4456
 immunotherapy 136, 849

- Leishmania major* cont.
pathogenesis, ultraviolet radiation 4456
resistance 1406
susceptibility 4015
Toxoplasma gondii, interactions 1120
Leishmania mexicana, resistance 2709
melarsoprol, pharmacokinetics 2349
Naegleria, pathogenicity 447
Naegleria fowleri
immune response 4436
immunization 181
Neospora caninum, viability, bradyzoites 4698
pentamidine
immunosuppression 1225
pharmacokinetics 4201
Plasmodium
histopathology 4906
immune response 3960
immunization 675
pathogenicity 2243
Plasmodium berghei
drug therapy 374, 1934, 2378, 2384, 2426, 2825, 3254, 3269, 3288, 3684, 3696, 3717, 4633, 4647
Sireblus asper, extracts 364
experimental infection 2465
haematology 1435
immune response 1788, 2180, 3068
immunization 178, 1414, 3547, 4891
immunopathology 2218
immunotherapy 2172, 3679
pathogenesis 2247, 3068, 4495
pathology 4918
prophylaxis 1934
resistance 289
susceptibility, aflatoxins 3538
treatment 847
Plasmodium chabaudi
immune response 3963
immunity 3540-3541
immunization 672, 2212
immunosuppression 192, 4901
resistance 289, 2710
Plasmodium cynomolgi
immune response 1764
immunization 4897
Plasmodium falciparum
drug therapy 2431
immune response 622, 1082, 2173, 2671, 3967
immunization 179, 1386, 1814, 2173, 2212-2213, 2717, 3967, 4896
immunopathology 1112
pathogenicity 3563
Plasmodium vinckei
drug therapy 2413
immunity 172
Plasmodium vinckei petteri, drug therapy 1556
Plasmodium vivax, immune response 4421
Plasmodium yoelii
drug therapy 897, 1194, 2877, 3248, 3289, 3701, 4622
immune response 631, 641, 2176, 2178, 3957
immunization 3546
prophylaxis 3701, 4622
resistance 631, 2211
susceptibility 3429
treatment 847
Plasmodium yoelii nigeriensis, pathology 1116
Pneumocystis carinii 2770
experimental infection 3334
immunocompromised hosts
diagnosis 3759
experimental infections 4810
immune response 2183
immunotherapy 863
resistance 3078
treatment 2822
pyrimethamine, pharmacokinetics 4141
Sarcocystis montanaensis, development 2485
sodium stibogluconate, pharmacokinetics 4194
Tetrahymena piriformis, immune response, *Toxoplasma gondii* 3956
Theileria
immunocompromised hosts
immune response 4884
susceptibility 4884
toxicity
diminazene 4178
treatment, azathioprine 2402
gossypol 2423
melarsoprol 2349
monensin 1244
pyronaridine 1976
quinine 3728
treatment
aminooxyacetic acid 5086
baclofen 5086
bicuculline 5086
diaminobutyric acid 5086
diazepam 5086
muscimol 5086
phenobarbitone 5086
tubercidin 3253
Toxoplasma gondii
development 1632
diagnosis 4539
drug therapy 338-339, 1545, 4140-4141, 4147
histopathology 1120
immune response 645, 1078, 2672, 2697, 3530, 3969, 3978, 4416
experimental infections 4036
immunity 657, 3530, 4010, 4457
T lymphocytes 1099
immunization 1102, 1815-1816
immunocompromised hosts, immunotherapy 1541
immunodiagnosis 2201, 3978, 4437
immunopathology 4844
immunostimulation 645
Tetrahymena piriformis 3956
infectivity 4326
pathogenesis 4016, 4498
pathogenicity 3858, 4047
pathology 1119, 1129, 2229
pregnancy, susceptibility 3985
resistance 1398, 1401, 3539, 4004, 4014, 4016
USA 4104
Trichomonas 1021
Trichomonas vaginalis
drug therapy 2741
Enterococcus, interactions 4355
pathogenicity 2741, 4982
prophylaxis 4982
Staphylococcus aureus, interactions 4355
Trypanosoma, drug therapy 2349, 2360
Trypanosoma brucei
drug therapy 854, 896, 1203-1204, 1206, 1239, 1551, 1581, 2355, 2399, 2402, 2845, 4178
treatment, toxicity, azathioprine 2402
Trypanosoma congolense
drug therapy 933
pathogenicity 2394, 3108
resistance 3108
Trypanosoma cruzi
development 4697
diagnosis 4250
drug therapy 2881, 3694, 4139, 4635
experimental infections 4756
histopathology 4489
immune response 122, 139, 700, 1072, 1368, 1763, 1765, 1790, 2222, 2678, 3085, 3974, 4423, 4848, 4851, 4857
IgE, exoantigens 153
immunity 171, 668
immunization 125, 1411, 2882, 4034, 4399
immunocompromised hosts, pathology 4481
immunodiagnosis 3094
immunological deficiency 700, 3116
immunopathology 1114, 2297, 2720, 2722
immunosuppression 2222, 4901
pathogenesis 2250
pathogenicity 4399
pathology 700, 710-711
resistance 174, 1811, 2708, 3106, 3542, 4002
Trypanosoma cruzi cont.
Trypanosoma rangeli, cross immunity 125
Trypanosoma equiperdum
drug therapy 2396
immunotherapy 4900
Trypanosoma evansi
development 2008
drug therapy 2396, 2816, 3739
susceptibility 669
Trypanosoma gambiense, immunological deficiency 699
Trypanosoma musculi, immune response 625
Trypanosoma rhodesiense 877
drug therapy 877
Miconazole, *Trichomonas vaginalis*, in vitro 1973
Microprecipitation, *Toxoplasma gondii*, rabbits 3090
Microscopy
Cryptosporidium 653
Pneumocystis carinii 936
Microspora
Acridoidea, USSR, books 70
Crustacea, Lithuania 2657
Gammarus duebeni, transmission 829
human immunodeficiency virus
man
diarrhoea 3924
reviews 4814
USA 88
Oncorhynchus tshawytscha
fresh water, new records 553
immunopathology 553
Trisopterus esmarkii, pathology 1424
Microsporidia
detection 2908
human immunodeficiency virus
man
developing countries, reviews 4360
drug therapy 2854
reviews 3038
man, eyes 3396
morphology 2657
staining 2908
Microsporidium arthuri, new species, *Pangasius sutchi*, Malaysia 1053
Microsporidium italicus, new species, *Caliptamus italicus*, USSR 70
Microsporidium lesiodermi
life history 3487
morphology 3487
new species, *Lesioderma sericorne*, India 3487
Microsporidium sitophili, *Sitophilus oryzae*, moulting, pathology, Curculionidae 3558
Microtubules, *Entamoeba histolytica* 111
Microtus montanus
Babesia microti, USA 3003
Hepatozoon, USA 3003
Trypanosoma, USA 3003
Microtus montebelli
Tetratrichomonas microti, Japan 531
Tritrichomonas muris, Japan 531
Microtus ochrogaster
Sarcocystis
experimental infections 2666
USA 2666
Sarcocystis montanaensis
development 2485
experimental infections 2666
Microtus pennsylvanicus, *Babesia microti*, USA 3003
Microwave radiation, *Eimeria magna* 405
Micrurus spixii spixii
Caryospora constanciae, new species, Brazil 4373
Caryospora micruri, new species, Brazil 4373
Mildronate, toxicity, tinidazole 4162
Military personnel, *Plasmodium*, France 2937
Milk
Cryptosporidium, treatment 5038
Giardia duodenalis 1813
Isospora, treatment 5038
Milk production, n'dama 489

- Mink**
Encephalitozoon, pathology 208
 parasites, reviews 4759
- Minks (see Mustela)**
- Misdiagnosis**, *Toxoplasma gondii*, human immunodeficiency virus, man 939
- Missionaries**, *Plasmodium*, man, tropics 1498
- Mitochondria**, *Babesia bovis* 3146, 4510
- Mitochondrial DNA**
Acanthamoeba castellanii, restriction fragment length polymorphism 763
Acanthamoeba polyphaga, restriction fragment length polymorphism 763
Leishmania infantum infantum 1160
Pneumocystis carinii 4980
- Mitochondrial genetics**, *Plasmodium falciparum* 1455
- Mitomycin**, *Plasmodium falciparum*, chromosome polymorphism 3607
- Mitosis**
Entamoeba histolytica 111
Plasmodium berghei 1761
- Mixed infections**
Acanthamoeba, *Candida albicans*, man 3373
Babesia equi, *Ehrlichia equi*, horses 4502
Blastocystis hominis
Dientamoeba fragilis, man 2942
Entamoeba histolytica, man 2942
Giardia duodenalis, man 2942
Cryptosporidium, rotavirus, goats 4753
Eimeria, *Trichostrongylidae*, goats 1301
Giardia duodenalis, *Cryptosporidium*, man 4299
Hepatozoon canis
Ehrlichia, dogs 1042
Leishmania infantum infantum, dogs 1016
Isospora felis, *Toxocara cati* 3872
Leishmania, *Giardia*, *Ascaris*, *Enterobius*, man 2555
Leishmania braziliensis, *Trypanosoma cruzi*, man 4074
Plasmodium falciparum, *Plasmodium vivax*, man, China 2512
Plasmodium vivax, *Plasmodium falciparum*, man, USA 3384
Pneumocystis carinii, *Aspergillus fumigatus*, man 1738
Trypanosoma, *Glossina morsitans* 5017
- MK 436**
Trypanosoma brucei, mice 854
Trypanosoma rhodesiense, *Cercopithecus aethiops* 854
- Molecular biology**
Crithidia fasciculata 2277
Leishmania, reviews 1875
Tetrahymena pyriformis, space flight 1638
Trypanosoma brucei 1860
- Molecular genetics**
Acanthamoeba 248
Ciliophora 2271
Crithidia luciliae 761
 drug resistance 874-875, 1567, 2775, 3607, 4533, 4541
 chloroquine 1465
 host parasite relationships, mathematical models 4089
 Kinetoplastida 2270
Leishmania 757, 760
Leishmania donovani, drug resistance, vinblastine 4077
Leishmania pifanoi 238
 parasites 757
Physarum flavicomum 248
Plasmodium 743, 758
 man, reviews 2603
Plasmodium falciparum 257, 259, 261
 protozoa 1148, 1758, 4710
 livestock, reviews 2603
 man, reviews 2603
 reviews 2605, 2759
 techniques 3782
Theileria annulata, antigens 250
Trichomonas vaginalis 142
Trypanosoma 610, 756, 759, 3372
 man, reviews 2603
Trypanosoma brucei 1154, 2270
 codons 252
- Molecular genetics cont.**
Trypanosoma brucei cont.
 nucleotides 252
- Molecular karyotypes**
Leishmania infantum infantum 2667
Toxoplasma gondii 3611
Trypanosoma equiperdum 2762
Trypanosoma evansi 2762
- Monensin**
 cattle 3273, 3316
 pharmacokinetics 329
 drug residues, fowls 2385
Eimeria
 in vitro 5115
 turkeys 1198
Eimeria bovis, cattle 4181
Eimeria tenella, embryos 377
 fowls, carcass composition 1229
 glycosphingolipids, in vitro 891
 mode of action 5115
 pharmacokinetics 329, 1234, 1244
 protein degradation, artificial rumen 1574
 rumen protozoa, goats 2981
 techniques, determination, feeds 422
 toxicity
 embryos 377
 fowls 388-389, 2439, 3317, 3319
 treatment, selenium 903
 horses 4666
 mice 1244
 sheep 1603, 2428
 turkeys 391
 turkeys, pharmacokinetics 1234
- Monitoring**, *Triatoma infestans*, Argentina 3664
- Monkeys (see also named genera)**
Plasmodium falciparum, immunization 1814
- Monoclonal antibodies**
Babesia 1628
Babesia bovis 4893
Babesia equi 627
Bonamia ostreae 2167, 2704
Cryptosporidium 653, 1098
Cryptosporidium parvum 2689, 3082, 4418
Cryptosporidium wrairi 4418
Eimeria tenella 279, 3109, 4850, 4868
Entamoeba 278
Entamoeba histolytica 1852, 2738, 3083
Leishmania 1092, 2783
Leishmania amazonensis 233, 1381
Leishmania naiffi 1393
Leishmania pifanoi 615
Naegleria fowleri 154, 4440
Plasmodium 3990
Plasmodium berghei 2218
Plasmodium brasilianum 629
Plasmodium chabaudi 672
Plasmodium falciparum 152, 163, 274, 622, 1079, 1101, 1814, 3612, 4837, 4966
Plasmodium vivax 617, 3554, 3995
Pneumocystis carinii 162, 3089
 protozoa, reviews 3529
Sarcocystis muris 3976
Theileria 1628
Theileria annulata 2190
Theileria parva 1800
Theileria sergenti 4417
Toxoplasma gondii 1487, 2674, 4869
Trichomonas foetus 614
Trypanosoma brucei 1443, 1800, 4433
Trypanosoma cruzi 127, 656, 1158, 1411, 1763, 1776, 4063, 4446, 4854-4855
Trypanosoma rangeli 1158
- Monocystis hirsuta**
Lumbricus castaneus, Poland, new geographic records 3444
Lumbricus terrestris, Poland, new geographic records 3444
- Monocystis striata**, *Lumbricus rubellus*, Poland, new geographic records 3444
- Monocytes**
Giardia duodenalis 1485
 phagocytosis, man, chloroquine 3730
Plasmodium falciparum 119, 3072
Plasmodium knowlesi 2690
Plasmodium vivax 119
Sarcocystis neurona, in vitro 1615
 suramin 3302
- Monocytes cont.**
Theileria sergenti 3135
- Monodesethylamodiaquine**, *Plasmodium falciparum*, in vitro 2832
- Morbidity**
Plasmodium
 children 3824
 man, Mali 1290
Plasmodium falciparum 1658
 children 1291, 3814
 Madagascar 1288
 man 3559
 Burkina Faso 3392
- Morocco**
Cryptosporidium, fowls 1312
Leishmania, man 3823
Leishmania infantum infantum, dogs 1705
Leishmania tropica
 dogs 1705
 man, epidemiology 1879
Phlebotomus sergenti 1520
- Morone americana**
Kudoa
 histopathology 3888
 USA 3888
- Morphology**
Amblyospora 2802
Apicomplexa 2291
Babesia capreoli 2665
Babesia odocoilei 2665
Blastocystis hominis 3836
Caryospora jararacae 4373
Ceratomyxa drepanopsettae 4342
Ciliophora 594
Cochlosoma anatis 2090
Coelosporeidium periplanetae 3489
Cryptosporidium, oocysts 2664, 4384
Cryptosporidium parvum, oocysts 4384
Eimeria 4385
Foettingeria actinariae 601
Giardia 4328
Haemoproteus, gametocytes 2655
 microsporidia 2657
Microsporidium lesiodermi 3487
Myxidium incurvatum 4342
Nosema serbica 4828
Ormeresia 2657
Ortholinea divergens 4342
Perezia diaphanosomae 2657
Plasmodium 1342
Plasmodium dissanaikei 2586
Plasmodium gallinaceum 596
Plasmodium lophurae 2662
Plasmodium (Novyella) 4827
 protozoa, spores 2098
Sarcocystis 1059
Sarcocystis arieticanis, sheep 2970
Sarcocystis capracanis 4383
Sarcocystis hircanicis 4383
Sarcocystis neurona 2656
Sarcocystis tenella, sheep 2970
Sarcomastigophora 594
Tetrahymena pyriformis, space flight 1638
Trichodina truttiae 2104
Trichodina xenopodos, redescription 105
Trichomonas gallinae 1621
Trypanosoma cruzi
 scanning electron microscopy
 amastigotes 3493
 trypomastigotes 3493
Trypanosoma evansi
 buffaloes 3947
 cattle 3947
 dogs 3947
Tuzetia ceriodaphniae 2657
Tuzetia corynoformis 2657
Tuzetia cyclopis 2657
- Mortality**
Henneguya, *Pterophyllum scalare* 1717
Histomonas, *Rhea* 4774
Ichthyophthirius multifiliis, *Pterophyllum scalare* 1717
Lambornella clarki, *Aedes sierrensis* 1720
Nosema lymantriae, *Lymantria dispar* 4347
Plasmodium
 man, Gambia 12
 neonates 3813

Mortality cont.

- Plasmodium falciparum*
children 3814
man 3559
Burkina Faso 3392
Gambia 2559
Plasmodium ovale, man 2523
Pneumocystis carinii
Côte d'Ivoire 3047
human immunodeficiency virus, man
3048, 3922
Trypanosoma cruzi, mice 1811
Trypanosoma murmanensis 1828

Mosquitoes (see *Culicidae* and named genera)**Motility**

- Eimeria nieschulzi*, in vitro 4674
Entamoeba invadens 3634
Moulting, *Microsporidium sitophili*, *Sitophilus oryzae*, pathology, Curculionidae 3558

Mozambique

- coccidia
goats 3869
sheep 3869
Plasmodium falciparum
drug resistance
chloroquine 5079
pyrimethamine 5079
man 1540
Sarcocystis
goats 3869
sheep 3869
Theileria parva, cattle 506
Toxoplasma gondii
goats 3869
sheep 3869

Mucins, *Entamoeba histolytica* 3131
Mucus, parasites, host parasite relationships 660**Mukundaella agriocnemii**, new species,

Agriocnemis, India 3483

Muramyl dipeptide, *Toxoplasma gondii*

1382

Mus, *Toxoplasma gondii*, China 2579**Mus musculus**

- Eimeria ferriis*, Czechoslovakia, new
geographic records 4761
Plasmodium berghei, treatment 1208
Musca domestica, *Herpetomonas samuelpes-*
soai, host parasite relationships 1488

Musciapa striata

- Haemoproteus bacillaris*, new species,
Lithuania 1748
Haemoproteus pallidus, new species,
Lithuania 1748

Muscimol, toxicity, quinine 5086**Musculus yamashinai**, *Cryptosporidium*,

Korea Republic 3894

Mustela vison, *Encephalitozoon cuniculi*,

pathology 713

Mutations, *Plasmodium berghei* 2165**Myanmar**

- Anopheles*, reviews 311
Entamoeba histolytica, man 4724
Giardia duodenalis, man 4724
Plasmodium

Anopheles minimus 1181

man, epidemiology 1181

Myeloencephalitis, horses, diagnosis 2006**Mynahs**, diseases, reviews 544**Myocarditis**

- Neospora*, cattle 2237
Toxoplasma gondii, human immu-
nodeficiency virus, man 2147

Myocastor coypus, *Cryptosporidium parvum*,

Poland, new host records 2088

Myosin, *Acanthamoeba* 3159**Myositis**, *Sarcocystis*, *Procyon lotor* 1421**Myristic acid**, analogues, *Trypanosoma**brucei*, in vitro 3290**Mytilus edulis**, *Steinhausia mytilorum*, USA,

new geographic records 1723

Mytilus galloprovincialis

- Ancistrum mytili*, Spain 1721
Marteilia maurini, Spain 1721
Steinhausia mytilorum, Spain 1721

Myxidium cochleatum, new species, *Psetta**maeutica*, Black Sea 1347**Myxidium hemiculteri**, new species,*Hemiculter leuciscus*, China 104**Myxidium incurvatum***Reinhardtius hippoglossoides*

Atlantic Ocean 4342

Pacific Ocean 4342

Myxidium parvum, new species, *Blennius**tentacularis*, Black Sea 1347**Myxidium pulchrum**, new species, *Lepadogaster**candollei*, Black Sea 1347**Myxidium rhodei**, *Rutilus rutilus*, Finland

1719

Myxidium sarcocheilichthysi, new species,*Sarcocheilichthys nigripinnis*, China

104

Myxobilatus convexum, new species, *Blennius**tentacularis*, Black Sea 1347**Myxobilatus gasterostei**, *Gasterosteus**aculeatus*, UK 2163**Myxobolus**

new combination 103

synonyms 103

Myxobolus africanus, new species, *Hepsetus**odoe*, Cameroon 1054**Myxobolus amieti**, new species, *Ctenopoma**nanum*, Cameroon 1054**Myxobolus barbi**new species, *Barbus aspilus*, Cameroon

1054

Sarotherodon melanothron, Benin, new

host records 1749

Myxobolus basilamellaris, ultrastructure

2164

Myxobolus beninensis, new species,*Sarotherodon melanothron*, Benin

1749

Myxobolus cerebrealis

fishes 3904

rainbow trout

drug therapy 1548, 2388

immune response 2192

Myxobolus dahomeyensis

new combination 1749

Sarotherodon melanothron, Benin, new

host records 1749

Tilapia, Benin, new host records 1749*Tilapia zillii*, Benin, new host records

1749

Myxobolus dogieli, carp, USSR 3440**Myxobolus dossoui**, new species, *Tilapia zil-**lii*, Benin 1749**Myxobolus heterospora***Hemichromis fasciatus*, Benin, new host

records 1749

new combination 1749

Sarotherodon melanothron, Benin, new

host records 1749

Tilapia zillii, Benin, new host records

1749

Myxobolus melenensis, new species,*Hemichromis fasciatus*, Cameroon 1054**Myxobolus microcapsularis**, new species,*Tilapia zillii*, Benin 1749**Myxobolus muelleri**, *Rutilus rutilus*, Finland

1719

Myxobolus njinei, new species, *Barbus**camptacanthus*, Cameroon 1054**Myxobolus nokoueensis**, new species,*Sarotherodon melanothron*, Benin

1749

Myxobolus pavlovskii, *Tubifex tubifex*, trans-

mission 1261

Myxobolus pfeifferi, *Liza abu*, Iraq 555**Myxobolus polycentropsi**, new species,*Polycentropsis abbreviata*, Cameroon

1054

Myxobolus pseudodispar, *Rutilus rutilus*,

Finland 1719

Myxobolus sandrae

perch

pathology 4776

UK 4776

Myxobolus sarotherodoni, new species,*Sarotherodon melanothron*, Benin

1749

Myxobolus saurogobioi, new species,*Saurogobio dumerili*, China 104**Myxobolus sp. 1***Barbus aspilus*, Cameroon 1054*Barbus camptacanthus*, Cameroon 1054*Barbus guirali*, Cameroon 1054**Myxobolus sp. 2**, *Barbus*, Cameroon 1054**Myxobolus sp. 3**, *Chrysichthys nigrodig-*
itatus, Cameroon 1054**Myxobolus sp. 4***Raiamas*, Cameroon 1054*Synodontis batesii*, Cameroon 1054**Myxobolus synodonti**, new species,*Synodontis batesii*, Cameroon 1054**Myxobolus zillii**, new species, *Tilapia zillii*,

Benin 1749

Myxoproteus, *Trematomus bernacchii*, Ant-

arctica, new host records 790

Myxosoma, nomenclature 103**Myxosoma cerebrealis** (see *Myxobolus**cerebrealis*)**Myxosoma dahomeyensis**, nomenclature

1749

Myxosoma heterospora, nomenclature 1749**Myxosoma tilapiae**, new species, *Ore-**ochromis niloticus*, Egypt 593**Myxosporea**, fishes, reviews 3451, 3455**Myxozoa**

Atlantic salmon, Canada 4345

atlantic salmon, UK, proliferative kidney

disease 01Myxozoa 2597

fishes, pathology 61

freshwater fishes 2597

Ictalurus punctatus, fish farms, USA,

reviews 3887

rainbow trout

Canada 4345

pathology 2232

Salvelinus fontinalis, Canada 4345

ultrastructure, developmental stages 2163

N-desbutylhalofantrine, man,

pharmacokinetics 2430

N-substituted 2-hydroxy-3,5-**diiodobenzamides**, *Plasmodium**berghei*, mice 2378**Naegleria**

macrophages, in vitro 4411

man, reviews 1320

mice, pathogenicity 447

water

epidemiology 3368

Germany 3768

Spain 447

Naegleria australiensis, fresh water, France,

epidemiology 3208

Naegleria fowleri

chemokinesis 3767

chemotaxis 3767

chemotaxonomy 1155

genetic polymorphism 4955-4956

man 77

control 3198

diagnosis, reviews 4271

histopathology, reviews 4271

reviews 4272

Thailand 31

USA 2043

mice

immune response 4436

immunization 181

monoclonal antibodies 154, 4440

ponds, India 5146

protein synthesis 736

techniques

cryopreservation 4676

measurement, migratory response

3767

water, USA, National Parks 4701

Naegleria gruberi, techniques, cryopreserva-

tion 4676

Naegleria lovaniensis

fresh water, France, epidemiology 3208

techniques, cryopreservation 4676

Naegleria fowleri, fresh water, France, epide-

miology 3208

Naganol (see suramin)**Namibia***Cyrtospora*, *Giraffa camelopardalis**angolensis* 2975*Eimeria barnardi*, new species, *Rhop-**tropus barnardi* 4820*Eimeria pachybibroni*, new species,*Pachydactylus bibroni* 4820*Eimeria rangei*, new species,*Palmatogeo rangei* 4371*Hemirichthys*, freshwater fishes 3943*Isospora spilogaster*, new species,*Mabuya spilogaster* 4820

Namibia cont.

- Plasmodium falciparum*, man 3379
Trichodina, freshwater fishes 3943
Trichodina frenata, new species, *Aethiomastacembelus frenatus* 3943
Trichodina kalimbeza, new species, *Hemigrammocharax multifasciatus* 3943
Trichodina kwando, new species, *Brycinus lateralis* 3943
Trichodina linyantia, new species, *Oreochromis andersoni* 3943
Trichodina microspina, new species, *Ctenopoma multispine* 3943
Trichodina ngoma, new species, *Hemigrammocharax multifasciatus* 3943
Trichodina nkasa, new species, *Synodontis macrostigma* 3943
Trichodina sangwala, new species, *Schilbe mystus* 3943

Naoyaojia, *Plasmodium falciparum*, man 3700**Naphthoquinones**

- Crithidia fasciculata*, in vitro 387
 mode of action 387
Trypanosoma cruzi, in vitro 387

Narasin

- Eimeria*, fowls 2366
 techniques
 determination 3751
 feeds 422
 toxicity, fowls 2438
Nasua nasua, *Trypanosoma cruzi*, diagnosis 2471

National Parks, *Naegleria fowleri*, water, USA 4701**Natural killer cells**

- Naegleria fowleri* 4436
Plasmodium falciparum 1071
Toxoplasma gondii 4416

Natural selection

- Crithidia bombi*, *Bombus terrestris* 1354
Plasmodium, man 3501
Plasmodium falciparum, man, Gambia 3544

N'dama

- Trypanosoma*
 Gabon, trypanotolerance 1404
 Gambia 2358
 epidemiology 794
 Mali, epidemiology 488
 pathology 489, 2208
 prophylaxis 2855
 resistance, genetic polymorphism 2209
 susceptibility, genetic polymorphism 2209
 Zaire 497, 708, 2059
 epidemiology 2335
Trypanosoma congolense
 Congo, epidemiology 2326
 Gambia, maternal antibodies 3516
 haematology 664
 Haemonchus contortus, Gambia, interactions 4786
 immune response 2169
 immunodiagnosis 3991
 pathogenicity 4786
 resistance 664
 susceptibility 2056
 transmission 832
Trypanosoma vivax
 Gambia, maternal antibodies 3516
 immunodiagnosis 3991
 transmission 832
 trypanotolerance
 Gabon 2208
 Gambia 2358
 Zaire, productivity 2057

Nebularin, *Entamoeba histolytica* 1241**Nematocystis elmassiani**

- Aporrectodea caliginosa*
 Poland
 new geographic records 3444
 new host records 3444

Nematocystis magna, *Lumbricus terrestris*, Poland, new geographic records 3444**Nematocystis vermicularis**

- Lumbricus rubellus*, Poland, new geographic records 3444

Nematocystis vermicularis cont.

- Lumbricus terrestris*, Poland, new geographic records 3444

Nematopsis indicus, new species, *Penaeus indicus*, India 3482**Neonates**

- Entamoeba histolytica* 3394
 infectious diseases, books 4287
Pneumocystis carinii, human immunodeficiency virus, USA 2645
Toxoplasma gondii, immunodiagnosis 3998-3999

Neophema, *Leucocytozoon*, UK 63**Neoplasms**

- Leishmania*, dogs, Italy 3037
Trichomonas vaginalis, man, Italy 3908

Neopterin

- Plasmodium falciparum* 149
Plasmodium vivax 1418

Neospora, cattle, pathology 2237**Neospora caninum**

- cattle
 immune response 2967
 Netherlands 3413
 New Zealand 3134
 pathology 1704, 2967
 reviews 1831
 USA 1832, 2073, 3863

dogs

- drug therapy 2390
 Finland, new geographic records 4757
 Norway, taxonomy 4822
 pathology 204
 UK 1305
 USA 53

goats

- transplacental transmission 4740
 USA 4740

- mice, viability, bradyzoites 4698
 sheep, pathology 1432
 ultrastructure, cysts 2967

Neotoma, *Eimeria*, experimental infections 4821**Neotoma albigula**, *Eimeria antonellii*, USA, new host records 3002**Neotoma floridana**

- Eimeria albigulae*, USA, new host records 3002
Eimeria ladronensis, USA, new host records 3002

Neotoma lepida

- Eimeria ladronensis*
 Mexico 3002
 USA, new host records 3002

Neotoma micropus

- Eimeria albigulae*, USA, new host records 3002
Eimeria antonellii, USA, new host records 3002
Eimeria ladronensis, USA, new host records 3002

Nepal

- Blastocystis hominis*, man 2847
Cryptosporidium, man 1273

Nequinat

- Eimeria* 1560
Eimeria acervulina, fowls 3710

Netherlands

- Leishmania*, man 986, 2949
Neospora caninum, cattle 3413
Plasmodium, man 3721
Plasmodium falciparum, man 966
Pneumocystis carinii
 human immunodeficiency virus, man 2140, 3459
 immunocompromised hosts, man 4805
Toxoplasma gondii
 human immunodeficiency virus, man 2649, 3459, 4625
 man 4295
 epidemiology 4109
 tropical medicine, history 2487-2488

Neurological sequelae, *Plasmodium falciparum*, children 4479**Neurotransmitters**, protozoa, reviews 1163**Neutrophils**

- Babesia* 4842
Entamoeba histolytica, host parasite relationships 2778

Neutrophils cont.

- Giardia duodenalis* 1485
Plasmodium berghei 1788
Toxoplasma gondii 4847
Trypanosoma musculi 1362

New geographic records

- Apolocystis herculea*
 Aporrectodea caliginosa
 Lumbricus rubellus, Poland 3444
 Lumbricus terrestris, Poland 3444
 Octolasion lacteum, Poland 3444

Apolocystis minuta

- Lumbricus castaneus*, Poland 3444
Lumbricus terrestris, Poland 3444

Apolocystis pilosa, *Lumbricus rubellus*, Poland 3444*Apolocystis spinosa*

- Allolobophora chlorotica*, Poland 3444

Eiseniella tetraedra, Poland 3444*Apolocystis vivax*, *Eiseniella tetraedra*, Poland 3444*Cosmetophilus*, *Vonones sayi*, USA 2152*Cosmetophilus vonones*, new species, *Vonones sayi*, USA 2152*Eimeria*, goats, Zimbabwe 39*Eimeria ferrisi*, *Mus musculus*, Czechoslovakia 4761*Entamoeba histolytica*, man, Ecuador 1683*Glugea anomala*, *Carasobarbus luteus*, Iraq 551*Gregarina munieri**Antarctonesioses elongatus*, Marion Island 3892*Bothrometopus randi*, Marion Island 3892*Dusmoecetes marioni*, Marion Island 3892*Mesembriorrhinus brevis parvulus*, Marion Island 3892*Palirhoeus eatoni*, Marion Island 3892*Hepatozoon canis*, dogs, India 3449*Karyolysus*, *Mabuya striata*, Kenya 1340*Klossiella equi*, horses, Panama 4311*Monocystis hirsuta*

- Lumbricus castaneus*, Poland 3444
Lumbricus terrestris, Poland 3444

Monocystis striata, *Lumbricus rubellus*, Poland 3444*Nematocystis elmassiani*, *Aporrectodea caliginosa*, Poland 3444*Nematocystis magna*, *Lumbricus terrestris*, Poland 3444*Nematocystis vermicularis*

- Lumbricus rubellus*, Poland 3444
Lumbricus terrestris, Poland 3444

Neospora caninum, dogs, Finland 4757*Odonaticola*, *Pantala flavescens*, India 3483*Orchitophrya stellarum*, *Pisaster**ochraceus*, Pacific Ocean 1425*Rhabdocystis pilosa*, *Lumbricus rubellus*, Poland 3444*Sarcocystis hircanis*, goats, India 4383*Sarcocystis suihominis*, pigs, India 994*Schellackia*, *Mabuya striata*, Kenya 1340*Sphaerospora*, *Epinephelus malabaricus*, South East Asia 1128*Sphaerospora truttae**Salmo trutta*, Germany 4343*Thymallus thymallus*, Germany 4343*Steinhausia mytilovum*, *Mytilus edulis*, USA 1723*Theileria hirci*

- goats
 India 1688
 Saudi Arabia 3401

Theileria ovis

- goats, Saudi Arabia 3401
 sheep, Saudi Arabia 3401

Toxoplasma gondii, cattle, USA 4316*Trichodina prowazeki*, *Rutilus rutilus*, Czechoslovakia 2098*Trichodina truttae*, *Oncorhynchus keta*, Japan 2104*Trichomonas anseris*, geese, Poland 2594*Trichomonas foetus*, cattle, Malaysia 40

New geographic records cont.

- Trypanosoma mega*, *Rana tigrina*, India 1315
Trypanosoma punctati, *Channa punctatus*, India 67
Trypanosoma simiae, *Glossina morsitans*, Gambia 831
Zygocystis cometa
Allolobophora caliginosa, Poland 3444
Aporrectodea caliginosa, Poland 3444

New host records

- Apolocystis lumbricolidi*, *Helodrilus antipae*, Poland 3444
Apolocystis spinosa, *Eiseniella tetraedra*, Poland 3444
Blastocystis, ducks, Czechoslovakia 3013
Ceratomyxa, *Trematodus bernacchii*, Antarctica 790
Cochlosoma anatis, geese, Czechoslovakia 2090
Cryptosporidium
 camels, USA, District of Columbia 3432
Perdix perdix, Italy 1027
Cryptosporidium parvum, *Myocastor coypus*, Poland 2088
 dinoflagellates
Beroe abyssicola, USA 2107
Bolinopsis, USA 2107
Dryodora glandiformis, USA 2107
Euplokamis dunlapae, USA 2107
Pleurobranchia bachei, USA 2107
Eimeria
Cynomys leucurus, USA 2581
Lama glama, USA 1026
Spermophilus elegans, USA 2581
Eimeria albigulae
Neotoma floridana, USA 3002
Neotoma micropus, USA 3002
Eimeria antonellii
Neotoma albigula, USA 3002
Neotoma micropus, USA 3002
Eimeria arizonensis
Peromyscus crinitis, USA 3002
Peromyscus difficilis, USA 3002
Reithrodontomys, USA 4821
Eimeria callospermophili, *Spermophilus mexicanus*, USA 3007
Eimeria ladronensis
Neotoma floridana, USA 3002
Neotoma lepida, USA 3002
Neotoma micropus, USA 3002
Eimeria morainensis, *Spermophilus mexicanus*, USA 3007
Eimeria tuskegensis, *Sigmodon ochrognathus*, USA 3002
Entamoeba histolytica, cats, Japan 2996
Entamoeba muris, *Sigmodon hispidus*, USA 4328
Giardia, *Sigmodon hispidus*, USA 4328
Gregarina muniere
Antarctoneisotes elongatus, Marion Island 3892
Bothrometopus randi, Marion Island 3892
Dusmoecetes marioni, Marion Island 3892
Mesembriorhynchus brevis parvulus, Marion Island 3892
Palirhoeus eatoni, Marion Island 3892
Henneguya, *Trematodus bernacchii*, Antarctica 790
Leishmania lainsoni, *Agouti paca*, Brazil 3009
Leishmania major, man, Syria 3393
Leishmania shawi, man, Brazil 3390
Myxobolus barbi, *Sarotherodon melanotheron*, Benin 1749
Myxobolus dahomeyensis
Sarotherodon melanotheron, Benin 1749
Tilapia, Benin 1749
Tilapia zillii, Benin 1749
Myxobolus heterospora
Hemichromis fasciatus, Benin 1749
Sarotherodon melanotheron, Benin 1749
Tilapia zillii, Benin 1749

New host records cont.

- Myxoproteus*, *Trematodus bernacchii*, Antarctica 790
Nematocystis elmassiani, *Aporrectodea caliginosa*, Poland 3444
Oodinium
Beroe abyssicola, USA 2107
Bolinopsis, USA 2107
Dryodora glandiformis, USA 2107
Euphyssa, USA 2107
Euplokamis dunlapae, USA 2107
Pleurobranchia bachei, USA 2107
Paramyxoproteus reinhardtii
Reinhardtius hippoglossoides
 Atlantic Ocean 4342
 Pacific Ocean 4342
Plasmodium formosanum, *Amaurornis phoenicurus*, Malaysia 541
Sarcocystis, *Aquila chrysaetos*, USA 3438
Sphaerospora truttae, *Thymallus thymallus*, Germany 4343
Toxoplasma, *Erethizon dorsatum*, USA 533
Trypanosoma cruzi, *Conepatus chinga*, Argentina 522
Trypanosoma karyozekton, *Rana tigrina*, India 1315
Unicapsula, *Carcharhinus melanopterus*, USA, zoological gardens 3018
Zschokkella, *Trematodus bernacchii*, Antarctica 790

New Zealand

- Apicomplexa*, *Thunnus alalunga*, geographical distribution 4775
 diseases, livestock 1271
Giardia duodenalis
 cats 49
 dogs 49
 man, epidemiology 305, 2312-2313, 2798, 2807
 mice 3877
 rats 3877
 sheep 2807
Trichosurus vulpecula 3877
Neospora caninum, cattle 3134
 protozoa, *Rattus exulans*, biogeography 1020
Toxoplasma gondii
 canaries 3885
 goats 1084
 sheep 2567

Newcastle disease virus vaccines, *Eimeria necatrix*, fowls, interactions 1356

Nicarbazin

- Eimeria*, fowls 2366
Eimeria tenella, embryos 377
 toxicity
 embryos 377
 fowls 1230, 2438

Nicardipine, drug resistance, pyrimethamine 2862

Nicotinic acid, *Plasmodium falciparum* 3346Nifedipine, *Plasmodium berghei* 1788Nifuroxazide, *Giardia duodenalis*, man 2856

Nifurtimox

- Leishmania amazonensis*, man 1
 pharmacokinetics 1586
 rats, pharmacokinetics 1586
 toxicity, man 3301
Trypanosoma brucei
 in vitro 2355
 mice 2355
Trypanosoma cruzi
 man 3301
 mice 4139, 4635
Trypanosoma gambiense, man 2354
Trypanosoma lewisi, rats 4137

Niger

- Giardia duodenalis*, man 1279
Plasmodium, man 940, 2473
Plasmodium falciparum
 drug resistance, chloroquine 359
 man 359
Toxoplasma gondii, sheep 2989

Nigeria

- Eimeria*
 rabbits 1025
 sheep, epidemiology 3201
Entamoeba, man 1670

Nigeria cont.

- Entamoeba histolytica*, Budd-Chiari syndrome, man 4720
Haemoproteus, poultry 538
Leishmania, man 1668
Microspora, *Simulium damnosum* 2105
Plasmodium
 man 2551, 4733
 epidemiology 4603
 poultry 538
 sickle cell anaemia, man 4732
 turkeys 4773
Plasmodium falciparum
 drug resistance, chloroquine 1568, 3283, 4188
 man 850, 2953, 3266, 3283, 4138, 4479
Sarcocystis capracanis, goats 1701
Sarcocystis tenella, sheep 1701
Toxoplasma gondii, man, epidemiology 5008
Trichomonas vaginalis, man 4727
Trypanosoma
 cattle 514, 2053
 epidemiology 514, 795
Glossina 514
Glossina tachinoides 3194
 pigs 2562
Rhipicephalus 833
Trypanosoma brucei, pigs 1690
Trypanosoma congolense, sheep, epidemiology 3194
Trypanosoma simiae, *Glossina morsitans* 831
Trypanosoma vivax
 cattle 4319
 epidemiology 3194
 sheep, epidemiology 3194
 zebu 4319
 Nikkomycins, *Entamoeba invadens* 3714
 Nimorazole, protozoa, man 1938
Nippostrongylus brasiliensis, *Eimeria nieschulzi*, rats, immune response 2612
 Nitric oxide
Leishmania major 1388, 1406
Plasmodium falciparum 1416
 in vitro 1364
 Nitrites, *Toxoplasma gondii* 2697
 Nitrobenzylthioinosine
Leishmania donovani
 in vitro 3253
 mice 3253
Leishmania mexicana, in vitro 3253
 Nitrofurantoin
 coccidia, sheep 4151
 drug residues
 fowls 4232
 pigmeat 394
 Nitrofurans
 coccidia, poultry 1920
 reviews 1989
Trypanosoma brucei, mice 1239
 Nitrofurazone (see nitrofurantoin)
 Nitrogen oxides
Leishmania donovani 642
 protozoa, reviews 123
 Nitroimidazoles
 structure activity relationships 3296
Trypanosoma brucei, mice 1206, 1239
 Nitroquine
 mode of action 2894
Plasmodium 1976
Plasmodium yoelii, in vitro, mode of action 2894
 Nivaquine (see chloroquine)
 Nomenclature
Giardia 97
 medical entomology, books 3370
 parasitoses 451
Toxoplasma gondii, genes 1861
 Nonoxynol-9, *Trichomonas vaginalis*, man 4187
 Nonspecific immunostimulation
Babesia divergens, *Meriones unguiculatus* 4025
Babesia equi 2215
Trypanosoma brucei, rats 1109
Trypanosoma evansi 4470
 Nontarget organisms
Nosema algerae 911
Nosema locustae 911

- North America, *Trypanosoma cruzi*, man,**
transmission 2544
- Norway**
Neospora caninum, dogs, taxonomy 4822
parasites, fish farms, control 2448
- Nosema**
biological control, *Meloidogyne* 2110
Chilo, biological control 69
Ectomyeiois ceratoniae, Argentina 3446
Lasioderma serricorne, experimental
infections 4346
man 1287
- Nosema algerae***
Plasmodium falciparum, *Anopheles*
stephensi, interactions 2898
Plasmodium yoelii nigeriensis, *Anopheles*
stephensi, interactions 1528
ultrastructure 2161
- Nosema apis***
Apis mellifera
haemolymph 2600
pathology 4037
honeybees, drug therapy 347
- Nosema artemiae*, *Artemia*, Spain 557**
- Nosema fumiferanae***
Choristoneura fumiferana, pathology 200
Choristoneura rosaceana, pathogenicity
218
- Nosema locustae*, *Locustana pardalina*,**
South Africa 2109
- Nosema lymantriae*, *Lymantria dispar*, mor-**
tality 4347
- Nosema manirae*, *Heliothis armigera*,**
pathogenicity 3570
- Nosema maroccanus*, *Dociostaurus maroc-***
canus, USSR 70
- Nosema pyrausta***
Ostrinia nubilalis
pathology 4784
population dynamics 3654
transmission 2108
- Nosema serbica***
Lymantria dispar, pathology 4828
morphology 4828
- Nosemoides cyclopis*, new species, *Macro-***
cyclops albidus, Lithuania 2657
- Nosocomial infections**
Balantidium, man, transmission 4352
Cryptosporidium
man, transmission 4352
Mexico 3388
Entamoeba histolytica, man, transmission
4352
Giardia duodenalis, man, transmission
4352
Isospora belli, man, transmission 4352
protozoa, man, transmission 4614
- Novel antiprotozoal agents**
5'-methylthioadenosine, analogues 896
6270B 902
acylates, derivatives 380
4-(4-alkylpiperazinyl)-1-phenylamine sub-
stituted benzo(g)quinolines 4633
8-aminoquinolines 868
antiamoebin 3739
aplastomycin, analogues 2877
2-aziridinyl-1,4-naphthoquinonyl sulfo-
nate, derivatives 380
2,3-bis (aziridinyl)-1,4-naphthoquinonyl
sulfonate, derivatives 380
BW566C80 2842
CDRI 80/ 53 868
clarithromycin 1949
cymelarsan 859
daphnetin 3289
diarylpropanoids 1583
F- 857 3739
Farmazin-200 1960
fatty acids 2426
hydroxytrifluoromethylbenzylamines
2431
imidazoles 3297
isoxazolylnaphthoquinones 4139
L-651,582 3732
Leishmania donovani 1922
lipopeptide derivatives 4636
MDL 27 695 864
6-MFA 3739
myristic acid, analogues 3290
N-substituted 2-hydroxy-3,5-
diiodobenzamides 2378
- Novel antiprotozoal agents cont.**
naphthoquinones 387
nitroimidazoles 3296
oligonucleotides 886
pentamidine, analogues 865
polyamines 374
pyrimidines 3729
pyronaridine, reviews 5106
sesquiterpenelactones 1583
sinefungin, analogues 2876
1-(substituted)benzyl-5-aminoimidazole-
4-carboxamides 2881
triazoles 2821
Yingzhaosu-A 4200
- Novidium (see homidium)**
- Nuclear magnetic resonance, *Toxoplasma***
gondii 939
- Nucleic acids**
Leishmania donovani, genes, cloning
4535
Plasmodium falciparum 1461
Trypanosoma brucei 2253, 3616, 3620-
3621
- Nucleosides**
analogues, *Entamoeba histolytica* 1241
Crithidia fasciculata 4548
Giardia duodenalis 4511, 4933
Leishmania donovani 244
Plasmodium falciparum 4507
Trypanosoma brucei 4548
- Nucleotide sequences**
Acanthamoeba, enzymes, myosin I, gene
targeting 249
Babesia 4976
merozoites 1474
Babesia bigemina 260
Babesia bovis 4545
Crithidia fasciculata 1864-1866
Cryptosporidium parvum 1868
Eimeria maxima 3609
Eimeria tenella 1470
Entamoeba histolytica 237, 626, 764,
937, 1472, 1872, 3087, 3606, 3625,
4083, 4950
Giardia duodenalis 1466, 1867, 3176,
3608, 4547, 4975
Leishmania 3603, 4066, 4088
Leishmania donovani 1477, 3173, 4962
Leishmania enriettii 4078
Leishmania guyanensis 4084
Leishmania infantum chagasi 1375, 2276
Leishmania mexicana 2766
Leishmania tarentolae 2760
Leptomonas collosoma 1479
Plasmodium 263
Plasmodium berghei 4080
Plasmodium falciparum 235, 255, 259,
265-266, 272, 741, 1152, 1463,
1468-1469, 1471, 1477, 1792, 1853,
1871, 2188, 2753, 2772-2773, 2775,
3169, 3587, 3600, 3604, 3615,
3622, 4071, 4085, 4090, 4849,
4951-4952, 4966
antigens 622
Plasmodium reichenowi 2765
Plasmodium vivax 268, 2764, 4086,
4091, 4953
Plasmodium yoelii 4546
Pneumocystis carinii 1475, 4980
protozoa 740
Sarcomastigophora 1464
Sauroleishmania tarentolae 2274, 4961
Theileria annulata 256, 4949
Theileria parva 267, 3598
Toxoplasma gondii 251, 2768, 4539
Tritrichomonas foetus 4081
Trypanosoma brucei 749, 1476, 1866,
2265, 3599, 3620-3621, 3627, 4075,
4082, 4532
Trypanosoma cruzi 262, 264, 748, 753,
1375, 1479, 2763, 3074, 3171,
3175, 3605, 3610, 4073, 4538,
4549, 4954, 4963, 4971
Trypanosoma evansi 4532
Trypanosoma gambiense 3599, 4964
Trypanosoma rhodesiense 253, 1473,
3601-3602
Trypanosomatidae 754
- Nucleotides**
Trichomonas vaginalis, hydrogenosomes
1057
- Nucleotides cont.**
Trypanosoma brucei 747
molecular genetics 252
- Numida meleagris***
Plasmodium circumflexum, South Africa
1837
protozoa, South Africa 2093
- Nutrient deficiencies, *Plasmodium*, man**
1122-1123
- Nutrient requirements, *Blastocrithidia***
culicis 245
- Nutrition, *Plasmodium knowlesi* 1427**
- Nutritional state, *Plasmodium* 1810**
- Nyctotherus cordiformis*, Anura, USA, pop-**
ulation dynamics 545
- Nyctotherus ovalis*, bacteria, *Periplaneta***
americana, symbionts 3022
- Nymphicus hollandicus*, *Sarcocystis fal-***
catula, experimental infections 3433
- Obioactin, *Toxoplasma gondii* 1382**
- Obituaries**
Bruce-Chwatt, L.J. 4702
Coluzzi, A. 3357
- Octolaisson lacteum*, *Apolocystis herculea*,**
Aporrectodea caliginosa, Poland, new
geographic records 3444
- Octopus bimaculoides***
Aggregata millerorum, new species, USA
4369
Ciliophora, USA 3891
Ichthyobodo necator, USA 3891
- Octopus dofleini*, *Aggregata dobelli*, new**
species, Canada 4369
- Octopus tchuelchus*, *Aggregata*, Mexico**
1032
- Ocreotide, *Cryptosporidium*, human immu-**
nodeficiency virus, man 3699
- Odocoileus hemionus*, *Besnoitia*, Canada,**
transmission 2308
- Odocoileus virginianus***
Babesia odocoilei, USA 2665
Entodinium dubardi, USA 482
- Odonaticola*, *Pantala flavescens*, India, new**
geographic records 3483
- Odonaticola pantala*, new species, *Pantala***
flavescens, India 3483
- Oedura castelnaui*, *Haemoproteus oedurae*,**
new species, Australia 2654
- Oestrogen**
Trichomonas gallinae 1146
Trichomonas vaginalis 1146
Tritrichomonas foetus 1146
- Oestrous cycle, *Trypanosoma vivax*, sheep**
2051
- Oligonucleotides, antiprotozoal agents 886**
- Oligosaccharides, *Trypanosoma brucei* 1374**
- Oman**
Eimeria
camels 3026
cattle 3026
goats 3026
sheep 3026
- Oncorhynchus gorbuscha*, *Dermocystidium***
salmonis, transmission 5030
- Oncorhynchus keta*, *Trichodina truttae*,**
Japan, new geographic records 2104
- Oncorhynchus mykiss* (see rainbow trout)**
- Oncorhynchus mykiss*, *Ichthyophthirius mul-***
tiifiliis, drug therapy 349
- Oncorhynchus ishawytscha***
Dermocystidium salmonis, transmission
5030
Enterocytozoon salmonis
new species, USA 1343
pathogenesis 1434
Microspora
fresh water, new records 553
immunopathology 553
- Onychomys*, *Eimeria*, experimental infec-**
tions 4821
- Oodinium**
Beroe abyssicola, USA, new host records
2107
Bolinopsis, USA, new host records 2107
Dryodora glandiformis, USA, new host
records 2107
Euphysa, USA, new host records 2107
Euplokamis dunlapae, USA, new host
records 2107
Pleurobranchia bachei, USA, new host
records 2107

- Oodinium ocellatum**, marine fishes, Taiwan, fish farms 3021
- Opalina**, Anura, USA, population dynamics 545
- Opalina amygdala**, new combination 106
- Opalina duquesnei**, new species, *Chiromantis xerampelina*, Swaziland 106
- Opalina foliaceae**, new combination 106
- Opalinidae**, Anura, Africa 106
- Ophryoscolex caudatus**, enzymes 4520
- Oplurus cuvieri**, *Haemoproteus opluri*, new species, Madagascar 2654
- Oplurus quadrimaculatus**, *Haemoproteus*, Madagascar 2654
- Opossums**
Cryptosporidium, reviews 562
Sarcocystis falcitula USA 3433
transmission 4337
Trypanosoma cruzi, USA 4756
- Opportunistic infections**
human immunodeficiency virus, man 2646
zoonoses 3055
- Orchitophrya stellarum**
Pisaster ochraceus
Pacific Ocean, new geographic records 1425
pathology 1425
- Oreochromis andersoni**, *Trichodina linyanta*, new species, Namibia 3943
- Oreochromis aureus**, *Amyloodinium ocellatum*, immunodiagnosis 3522
- Oreochromis niloticus**
Loma camerounensis, new species, Cameroon 3940
Myxosoma tilapiae, new species, Egypt 593
- Organizations**, Toxoplasmosis Trust 4704
- Ormetoprim**
drug residues, fowls 5117
Eimeria, partridges 4626
- Ornieresia**, morphology 2657
- Ornidazole**, *Giardia duodenalis*, man 5066
- Ornithodoros turicata**, *Hepatozoon*, transmission 318
- Orotate**, analogues, *Plasmodium berghei*, mice 2825
- Ortholinea divergens**
Reinhardtius hippoglossoides
Atlantic Ocean 4342
Pacific Ocean 4342
- Orthosoma**, nomenclature 3486
- Orthosomella**, new name 3486
- Oryctolagus cuniculus**, *Eimeria media*, pathogenicity 720
- Oryzomys**, *Leishmania braziliensis* 1531
- Osmerus eperlanus**, *Pleistophora ladogensis*, pathology 2234
- Osphronemus gourami**, *Hennegoides longitudinalis*, new genus, new species, Thailand 2158
- Ostracodinium obtusum bilobum**, enzymes 4520
- Ostrea edulis**
Bonamia ostreae
immunodiagnosis 2704
Irish Republic 3443
Spain 559
- Ostrinia nubilalis**
Nosema pyrausta
pathology 4784
population dynamics 3654
transmission 2108
- Ourebia ourebi**, *Trypanosoma*, Burkina Faso 1699
- Outcrossing**, *Plasmodium falciparum*, gametocytes 4831
- Ovalocytosis**, *Plasmodium*, man 3195
- Oravescula popilliae**, *Popillia japonica*, USA 201
- Ovis musimon**, *Sarcocystis*, Italy 3497
- Oxadiazoles**, *Entamoeba histolytica*, in vitro 4223
- Oxidant stress**, *Plasmodium* 777
- Oxidative metabolic response**, *Plasmodium knowlesi* 2690
- Oxidative phosphorylation**, *Trypanosoma cruzi* 3588
- Oxygen-independent killing**, *Trypanosoma cruzi* 613
- Oxyrhopus petola**
Caryospora carajasensis, new species, Brazil 4373
Caryospora paraensis, new species, Brazil 4373
- Oxyrhopus petola digitalis**
Caryospora carajasensis, new species, Brazil 4373
Caryospora paraensis, new species, Brazil 4373
- Oxytetracycline**
Babesia bigemina, cattle 2217
Babesia divergens, *Meriones unguiculatus* 4025
Nosema apis 347
Plasmodium vivax, in vitro 5109
Theileria parva, cattle 4019
- Ozone**
Giardia muris 5119
water 4760
- Pachydactylus bibroni**, *Eimeria pachybibroni*, new species, Namibia 4820
- Pacific Ocean**
Ceratomyxa drepanopsettae, *Reinhardtius hippoglossoides* 4342
Myxidium incurvatum, *Reinhardtius hippoglossoides* 4342
Orchitophrya stellarum, *Pisaster ochraceus*, new geographic records 1425
Ortholinea divergens, *Reinhardtius hippoglossoides* 4342
Paramyxoproteus reinhardti, *Reinhardtius hippoglossoides*, new host records 4342
- Pagrosomus major**, *Cryptocaryon irritans*, China 2595
- Paguma larvata**, *Eimeria*, China 2575
- Pakistan**
Eimeria, *Sus scrofa* 4749
Eimeria stiedai, rabbits 3878
Entamoeba histolytica, man 4724
Giardia duodenalis, man 4724
Leishmania donovani, man 28
Plasmodium, man 2950, 4728
- Palaeomonetes pugio**, *Hyalophysa chattoni*, virus-like particles, USA 2613
- Palirhoeus eatoni**
Gregarina munteri
Marion Island
new geographic records 3892
new host records 3892
- Palmatogekko rangei**, *Eimeria rangei*, new species, Namibia 4371
- Pan troglodytes**
parasites
Senegal 4737
Tanzania 4737
- Panama**, *Klossiella equi*, horses, new geographic records 4311
- Pangasius sutchi**, *Microsporidium arthuri*, new species, Malaysia 1053
- Panstrongylus**, Brazil, control 3742
- Panstrongylus geniculatus**
Trypanosoma cruzi
Ecuador 785
Trinidad and Tobago 4600
- Panstrongylus megistus**, Brazil 3217
- Pantala flavescens**
Odonaticola, India, new geographic records 3483
Odonaticola pantalae, new species, India 3483
- Papio**, *Trypanosoma*, resistance, serum 662
- Papio anubis**, parasites, Tanzania 4737
- Papio papio**, parasites, Senegal 4737
- Papua New Guinea**
Babesia, cattle, reviews 4320
Haemoproteus nucleophilus, new species, *Melanocharis nigra* 98
Plasmodium
man
control 2815
epidemiology 2540, 2711
Plasmodium falciparum 1871
drug resistance
amodiaquine 2864, 3286
chloroquine 2864
man 2698, 4301, 4631
splenomegaly 2692
- Papua New Guinea cont.**
Plasmodium vivax
drug resistance
chloroquine 355
mefloquine 5078
man 355, 4301
protozoa, birds, sexual selection 2780
Theileria, cattle, reviews 4320
- Paracheirodon axelrodi**, *Ichthyophthirius multifiliis*, drug therapy 4136
- Paracichlidotherus leeuwenhoekii**, new genus, new species, *Zebrafish scopas*, Australia 3942
- Paraguay**
Leishmania, *Lutzomyia whitmani* 4607
Leishmania braziliensis, man, epidemiology 1894
- Paralichthys olivaceus**
Ichthyobodo
Japan 4344
pathology 4344
- Paralithodes platypus**, Ciliophora, USA 561
- Paramoeba**
atlantic salmon, Australia 549
rainbow trout, Australia 549
- Paramyxoproteus reinhardti**
Reinhardtius hippoglossoides
Atlantic Ocean, new host records 4342
Pacific Ocean, new host records 4342
- Paraquat**
mode of action 2415
Plasmodium falciparum, in vitro, mode of action 2415
- Parasites**
aquarium fishes 2500
biotechnology 755
birds
diagnosis 2481
immunity, reviews 2714
books, biology 573
cats
Austria 2994
control 3236
diagnosis 3350
epidemiology 3209
general account 2995
zoonoses 3233-3236, 3350, 3367, 3670, 4758
chimpanzees, laboratory animals 2050
crabs, Australia 2106
Cyrtopodion scabrum, USA 3886
diagnosis 1458
general account 3351
dogs
Austria 2994
control 3236
diagnosis 3350
epidemiology 3209
general account 2086
zoonoses 3233-3236, 3350, 3367, 3670, 4758
domestic animals, China 2563
endangered species 3503
epidemiology, mathematical models 1174
Epinephelus, treatment 2823
fish farms, Norway, control 2448
fishes, conferences 4709
foxes, reviews 4759
freshwater fishes
Brazil 3016
Cuba 3889
USSR 3017
host parasite relationships 292, 1489
foraging 3190
human immunodeficiency virus
man 2626
diarrhoea 1746
Kaposi's sarcoma 4806
immune evasion, reviews 4018
immune response, reviews 3970
immunocompromised hosts, man, host parasite relationships 4103
immunology 606
livestock
Indonesia 3893
tropics 450
nutritional state 2123
lizards, sexual selection 2298
Macaca mulatta, China 2560

Parasites cont.

- man**
 autoimmunity, reviews 2669
 Bolivia 975
 China 470, 982, 2513-2516
 diagnosis 3899, 4252-4259, 4271, 4694
 reviews 2918
 diarrhoea 474
 geographical distribution 987
 IgE, faeces 4434
 Philippines 4298
 Switzerland 1675
 transmission, reviews 3224
 treatment, reviews 2918
 USA, imported infections 2310
 mink, reviews 4759
 molecular genetics 757
 mucus, host parasite relationships 660
Pan troglodytes
 Senegal 4737
 Tanzania 4737
Papio anubis, Tanzania 4737
Papio papio, Senegal 4737
 Penaeidae 1267
 pets, zoonoses 2810
Rattus exulans, checklists 1019
Saguinus mystax, prevalence 37
 sheep
 haematology 723
 resistance 176
 techniques
 sampling 924
 statistical methods 2909
 transmission 3504
 ecology 3186
Trematopus bernacchii, Antarctica 790
 WHO, research 1265
 wild animals
 Indonesia 3893
 reviews 4598
- Parasitology**
 biotechnology, USA, training 449
 research, Australia 2015
 terminology 1639, 3358
 zoological gardens 1637
- Parasitoses, nomenclature 451**
- Parathelohania illinoisensis*, ultrastructure 1754**
- Parathelohania illinoisensis* var. *messeae*, *Anopheles messeae*, USSR 1754**
- Parathelohania obesa*, *Anopheles quadrimaculatus*, transmission 315**
- Parbendazole**
 mode of action 4198
Pneumocystis carinii, *in vitro*, mode of action 4198
- Paromomycin**
Cryptosporidium, human immunodeficiency virus, man 2820
Leishmania major, mice, drug resistance 844
- Paromomycin methylbenzethonium, *Leishmania major*, mice 844**
- Partridges**
Eimeria, prophylaxis 4626
Eimeria legionensis, prophylaxis 1192
- Parvaquone, *Theileria annulata*, cattle 511**
- Passive immunity, *Naegleria fowleri* 181**
- Passive immunization, *Toxoplasma gondii*, guineapigs 4463**
- Patagonatothen ramsayi*, *Bipteria notoheniae*, new species, Atlantic Ocean 3061**
- Pathogenesis**
Acanthamoeba, man 1834
Acanthamoeba castellanii, *in vitro* 2248-2249
Babesia canis, dogs 1840
Cryptosporidium, man, reviews 4492
Cryptosporidium parvum, pigs 4048
Entamoeba, rabbits 4046
Entamoeba histolytica
 hamsters 3127
 man 2245
 rats 3131
Enterocytozoon salmonis, *Oncorhynchus tshawytscha* 1434
Giardia, man 1796
Giardia duodenalis
 in vitro 717

Pathogenesis cont.

- Giardia duodenalis* cont.
 man 3901
 reviews 217, 2797
 mice 3569
Leishmania aethiopica, mice 2238
Leishmania guyanensis, man 2739
Leishmania major, mice, ultraviolet radiation 4456
Leishmania mexicana, hamsters 1833
Plasmodium berghei
 mice 2247, 3068, 4495
 Praomys natalensis 1133
Plasmodium falciparum 2736
 man 2241, 2740, 3129, 3827
Plasmodium fragile 2735
Plasmodium knowlesi, *Macaca mulatta* 3256
Plasmodium vivax, man 4497
Pneumocystis carinii, human immunodeficiency virus, man 2652
Sarcocystis, cattle 1430
Theileria, cattle 1132
Theileria annulata 2687
 cattle, reviews 4465
Theileria parva 2687
 cattle, reviews 4465
Toxoplasma gondii, mice 4016, 4498
Trypanosoma brucei, variant surface glycoproteins 214
Trypanosoma cruzi 2242
 man 716, 2246, 4041
 mice 2250
Trypanosoma gambiense, man 1134
Trypanosoma rhodesiense, man 1134
- Pathogenicity**
Acanthamoeba, mice 447
Acanthamoeba castellanii, mice 2255-2256
Acanthamoeba jacobsoni, mice 4816
Ascogregarina armigeri, *Aedes* 556
Blastocystis triatomae, *Triatoma infestans* 2734
Blastocystis hominis
 immunocompromised hosts, man 3049
 man 4, 3566, 3834, 3844
Eimeria acervulina, fowls 3128
Eimeria media, *Oryctolagus cuniculus* 720
Eimeria necatrix, fowls 4914
Entamoeba coli, man 23, 3132
Entamoeba histolytica 237, 764, 937, 1472, 1783, 1883, 2778, 3083, 3087, 3565, 4017
 antigens 3091
Clostridium perfringens, mice 1325
Escherichia coli, mice 1325
 hamsters 715, 2244
 human immunodeficiency virus, man 3179, 3567
 in vitro, epithelium, intestines 2738
 man 1835, 4293
 Italy 4553
 mice 191
 zymodemes 3133
Giardia duodenalis
 intestinal microorganisms, man 3907
 man 4835
 mice 1433
Giardia muris, mice 4493
Haemoproteus fringillae, *Fringilla coelebs* 2742
Hepatozoon
 Anolis carolinensis 318
 Anolis sagrei 318
Histomonas meleagridis, peafowls 2737
Leishmania, reviews 1875
Naegleria, mice 447
Neospora caninum, cattle 3134
Nosema fumiferanae, *Choristoneura rosaceana* 218
Nosema maniereae, *Heliothis armigera* 3570
Plasmodium, mice 2243
Plasmodium circumflexum, turkeys 1837
Plasmodium coatneyi, *Macaca mulatta* 4494
Plasmodium falciparum 3564
 man 1431, 2537, 3563, 4913
 mice 3563

Pathogenicity cont.

- protozoa, aquatic invertebrates, reviews 1490
Sarcocystis miescheriana, pigs 3130
Tetratrichomonas gallinarum
 ducks 3571
 geese 3571
Toxoplasma gondii
 in vitro 4049
 mice 3858, 4047
 rats 4047
Trichomonas tenax 216
Trichomonas vaginalis
 in vitro 2240
 man 4496
 mice 2741, 4982
Trypanosoma brucei
 pigs 4917
 sheep 4912
Trypanosoma congolense
 cattle 1839
 Kobus ellipsiprymnus 719
 mice 2394, 3108
 n'dama 4786
 zebu 719, 1839
Trypanosoma cruzi
 dogs 219
 mice 4399
Trypanosoma equiperdum, guineapigs 3568
Trypanosoma (Nannomonas), pigs 2239
Trypanosoma vivax
 cattle 1839
 zebu 1838-1839
Vairimorpha antheraeae
 Galleria mellonella 3023
 Mamestra brassica 3023
- Pathology (see also Immunopathology)**
Acanthamoeba, dogs 1707
Babesia, dogs 705
Babesia canis, dogs 3124
Babesia gibsoni, dogs 210
Babesia microti, *Microtus montanus* 3003
Balantidium coli, man 468
Blastocystis galli, fowls 3118
Blastocystis hominis, man, reviews 3836
Cryptobia salmositica, rainbow trout 4488
Cryptosporidium
 birds 1030
 human immunodeficiency virus, man 1742, 3918
 simian immunodeficiency virus, *Macaca mulatta* 1426
Cryptosporidium parvum, mice 1420
Eimeria
 fowls 3125
 rabbits 534
 rats 4490
 sheep 209
Eimeria acervulina, fowls 1830
Eimeria adenoides, turkeys 1124
Eimeria deblickei, pigs 4044-4045, 4491
Eimeria stiedai, rabbits 3006
Eimeria tenella, fowls 872
Eimeria vanasi, tilapia 2159
Encephalitozoon, mink 208
Encephalitozoon cuniculi
 Alopex lagopus 713
 Cercopithecus aethiops 480
 Mustela vison 713
Entamoeba, man 1670
Entamoeba histolytica
 guineapigs 3122, 3430
 man 1121
 rabbits 3122
Enterocytozoon bienersi
 human immunodeficiency virus, man 3921
 man 3923
Giardia duodenalis
 man 1664, 1829, 3560, 4476
 mice, experimental infections 4477
Giardia muris, rats 4484
Hammondia hammondi, cattle 2967
Haplosporidium nelsoni, *Crassostrea virginica* 175, 560
Ichthyobodo, *Paralichthys olivaceus* 4344
Isospora, *Carduelis chloris* 1314

Pathology cont.

- Isospora suis*, pigs 205-206, 3561-3562, 4043
Kudoa thyrsites, *Coryphaena hippurus* 1316
Lankesterella
Carduelis chloris 1314
Leucopsar rothschildi 1710
Leishmania
 dogs 1011
 man 4905
Leishmania amazonensis, *Cebus apella* 1292
Leishmania braziliensis, *Cebus apella* 1292
Leishmania donovani
 hamsters 3556
 man 28, 36, 2952, 3556-3557
 mice 3556
Leishmania infantum infantum, dogs 704, 791
Leishmania panamensis, hamsters 1544
Malaoecba locustae, *Locusta migratoria* 3447
Microspora, *Trisopterus esmarkii* 1424
Microsporidium sitophilii, *Sitophilus oryzae*, moulting, Curculionidae 3558
Myxobolus sandrae, perch 4776
Myxozoa
 fishes 61
 rainbow trout 2232
Neospora, cattle 2237
Neospora caninum
 cattle 1704, 2967
 dogs 204
 sheep 1432
Nosema apis, *Apis mellifera* 4037
Nosema fumiferanae, *Choristoneura fumiferana* 200
Nosema pyrausta, *Ostrinia nubilalis* 4784
Nosema serbica, *Lymantria dispar* 4828
Orchitophrya stellarum, *Pisaster ochraceus* 1425
Ovavesicula popilliae, *Popillia japonica* 201
Paramoeba
 atlantic salmon 549
 rainbow trout 549
 PKX, rainbow trout 2232
Plasmodium
 man 199, 1122-1123, 1126, 1672, 2121, 4909
 reviews 2227
Plasmodium berghei
 mice 1435, 4918
 rats 2726, 4486
Plasmodium falciparum, man 195, 1127, 1423, 2725, 2728, 3121, 3559, 4039, 4479
Plasmodium knowlesi, *Macaca mulatta* 1427, 3119
Plasmodium yoelii nigeriensis, mice 1116
Pleistophora ladogensis, *Osmerus eperlanus* 2234
Pneumocystis carinii
 human immunodeficiency virus, man 96, 193
 man 3046
 osteoarthritis, human immunodeficiency virus, man 4364
 protozoa 198
 human immunodeficiency virus, man 702
 man, mental ability 4478
Sarcocystis
 buffaloes 4748
Eos bornea 714
 goats 2235
Procyon lotor 1421, 3000
Sarcocystis arietianis, sheep 503
Sarcocystis miescheriana, pigs 196
Sphaerospora, *Epinephelus malabaricus* 1128
Theileria annulata, cattle 2081
Theileria sergenti, cattle 3126
Toxoplasma, man 981
Toxoplasma gondii
Alopex lagopus 713
 cattle 2967
 dogs 713

Pathology cont.

- Toxoplasma gondii* cont.
Erethizon dorsatum 533
 goats 4911
 human immunodeficiency virus, man 583, 2147, 3466
 man 1666, 2955, 3123
 mice 1119, 1129, 2229
Phascolarctos cinereus 3883
 pigs 197
Trichodina truttae, Atlantic salmon 2599
Tritrichomonas foetus, dromedaries 1422
Trypanosoma
 cattle 499, 797, 2226
 n'dama 489, 2208
 pigs 4485, 4910
 zebu 2226
Trypanosoma brucei
 cattle 491, 498, 2233
 dogs 1429, 2224-2225
 goats 2233
 guineapigs 4482
 pigs 1118
 rabbits 703
 rats 703
 ruminants 495-496
 sheep 491
Trypanosoma congolense
 cattle 491, 498, 707, 4042
 goats 709
 n'dama 497
 ruminants 495-496
 sheep 491
 zebu 2236, 3120
Trypanosoma cruzi
 immunocompromised hosts, mice 4481
 man 203, 215, 718, 1825-1826, 2729
 mice 700, 710-711, 4034
Trypanosoma danilewskyi, goldfish 2727
Trypanosoma evansi
 buffaloes 712, 1117, 1125
 cats 2990
 goats 207
 rabbits 3555
Trypanosoma gambiense, man 706, 3776
Trypanosoma murmanensis,
Pseudopleuronectes americanus 1828
Trypanosoma vivax
 cattle 491, 498, 2233, 2733, 4319
 goats 202, 2233, 4480
 n'dama 497
 ruminants 495-496
 sheep 491, 4907
 zebu 4319
Zschokkella icterica, *Siganus luridus* 2659
Peafowls
Cryptosporidium 2585
Eimeria mayurai, India 542
Histomonas meleagridis
 development 2737
 pathogenicity 2737
Pefloxacin, *Plasmodium falciparum*, man 3258
Penaeidae, parasites 1267
Penaeus, diseases 1270
Penaeus indicus
Cephalolobus indicus, new species, India 3482
Nematopsis indicus, new species, India 3482
Penaeus monodon
Epistylis, Taiwan 3024
Zoothamnium, Taiwan 3024
Penicillin, *Cryptobia salmositica*, in vitro 1590
Pentamidine
 aerosols
Pneumocystis carinii 342
 children 2849
 human immunodeficiency virus
 man 327, 1193, 1542, 2380, 2620, 2831, 2891, 3247
 prophylaxis 325
 man 1747, 2133, 4157, 4160
 toxicity, man 2875
 analogues, DNA binding 5090
Cryptosporidium parvum, mice 865
 drug delivery systems 2375

Pentamidine cont.

- immunosuppression 1225
Leishmania, man 1957, 4218
Leishmania donovani, man 1566
Leishmania infantum infantum 4628
 mice
 immunosuppression 1225
 pharmacokinetics 4201
 pharmacokinetics 1982, 2887, 4201
Pneumocystis carinii
 human immunodeficiency virus, man 888, 1327, 1558, 2135, 2826, 2840, 2843, 2874, 2886-2887, 2891, 2915, 3042, 3259-3260, 3460, 3929, 4170-4171, 4228-4229, 5057, 5067-5068
 immunocompromised hosts, man 4177, 5060
 man 2363, 2376
pneumocystis carinii, man 2427
Pneumocystis carinii
 man 3050, 3692, 3697
 reviews 3241
 protozoa, man 1938
 rats, pharmacokinetics 2873
 toxicity
 man 888, 1327, 1566, 2874, 2886, 2891, 3312, 4218-4219, 4228-4229, 4659
 rats 2418
Toxoplasma gondii
 human immunodeficiency virus, man 3260
 in vitro 1979
Trypanosoma gambiense, man 1982
Trypanosoma vivax, in vitro 892
 urine 2887
Pentamidine analogues
Giardia duodenalis, in vitro, mode of action 385
 mode of action 385
Pentavalent antimony, *Leishmania donovani* 337
Pentenoate
Leishmania amazonensis, in vitro, mode of action, amastigotes 2412
Leishmania mexicana, in vitro, mode of action, amastigotes 2412
4-Pentenoate, mode of action 2412
Pentostam (see sodium stibogluconate)
Pentoxifylline, *Plasmodium falciparum*, man 850
Peptidases, *Trypanosoma cruzi* 4506
Peptides
Plasmodium falciparum 1144
Trypanosoma cruzi, epimastigotes 1618
Perca flavescens, *Trypanosoma catostomi*, susceptibility 5024
Perch
Myxobolus sandrae
 pathology 4776
 UK 4776
Perdix perdix
Cryptosporidium
 Italy 1027
 new host records 1027
Hexamita meleagridis, Italy 1027
Perezia diaphanosomae, morphology 2657
Peripheral blood mononuclear cells, *Toxoplasma gondii* 3984
Periplaneta americana, *Nyctotherus ovalis*, bacteria, symbionts 3022
Periplaneta brunnea, *Coelospidium periplanetae* 3500
Perkinsus
Haliotis laevis, Australia 558
 marine molluscs, Australia 558
Ruditapes decussatus, Portugal 590
Perkinsus atlanticus, virus-like particles, *Ruditapes decussatus*, interactions 1728
Perkinsus karlsoni, new species, *Argopecten irradians*, Canada 1337
Perkinsus olseni, *Haliotis*, Australia 3445
Peromyscus, *Eimeria*, experimental infections 4821
Peromyscus boylii, *Eimeria arizonensis*, USA 762
Peromyscus crinitis
Eimeria arizonensis, USA, new host records 3002
Eimeria lachrymalis, USA 3002

- Peromyscus difficilis**
Eimeria arizonensis, USA, new host records 3002
Eimeria lachrymalis, USA 3002
- Peromyscus leucopus**, *Sarcocystis montanaensis*, development 2485
- Peromyscus truei**, *Eimeria arizonensis*, USA 762
- Peru**
Leishmania braziliensis, man 5058
Plasmodium, man 2534
Plasmodium vivax, man 4447
- Petaloma epinephelis**, marine fishes, fish farms 2596
- Pets**, parasites, zoonoses 2810
- Phacochoerus aethiopicus**
Trypanosoma, Burkina Faso 1699
Trypanosoma simiae, Gambia 2965
- Phagocytes**, *Trypanosoma cruzi*, host parasite relationships 1890
- Phagocytosis**
Acanthamoeba castellanii 3144-3145
Entamoeba histolytica, erythrocytes 3183
- Phanquinone**
determination 1243
Entamoeba histolytica, *in vitro*, mode of action 4199
mode of action 4199
- Pharmacokinetics**
dapson 3703
didanosine 3703
rifampicin 3703
- Pharmacology**, antimalarials, man 2889
- Phascolarctos cinereus**
Toxoplasma gondii
pathology 3883
zoological gardens, USA 3883
- Phasianus colchicus**
Cryptosporidium, Italy 1027
Hexamita meleagridis, Italy 1027
protozoa, Czechoslovakia 1029
- Pheasants**
coccidia
Yugoslavia
control 324
epidemiology 324
Histomonas, drug therapy 1215
Trichomonas, drug therapy 1215
- Phelsuma madagascariensis grandis**,
Eimeria phelsumae, new species, Madagascar 1050
- Phenobarbitone**, toxicity, quinine 5086
- Phenotypes**, *Plasmodium falciparum*, techniques, selection 4673
- Philander opossum**, *Trypanosoma cruzi*, diagnosis 2471
- Philippines**
Anopheles, reviews 311
Giardia duodenalis, man 2034
parasites, man 4298
Plasmodium falciparum, man 4169
- Phlebotomus**
entomopathogens 2801
Leishmania
Mediterranean Countries 1162
transmission, mathematical models 5001
Leishmania donovani, diagnosis 5134
- Phlebotomus aculeatus**, *Leishmania tropica*, Kenya, transmission 319
- Phlebotomus argentipes**
Leishmania, India, transmission 1896
Leishmania donovani, development 2808
- Phlebotomus ariasi**
Flabelliforma montana, new genus, new species, France 1345
Leishmania infantum infantum, Portugal, transmission 314
- Phlebotomus guggisbergi**, *Leishmania tropica*, Kenya, transmission 319
- Phlebotomus langeroni**
Leishmania, Egypt, transmission 4126
Leishmania infantum infantum
hybridization 2327
susceptibility 4126
Leishmania major
hybridization 2327
susceptibility 4126
- Phlebotomus orientalis**, *Leishmania donovani*, Sudan, transmission 4610
- Phlebotomus papatasi**
Algeria, control 4234
Leishmania
Egypt, transmission 4126
India, transmission 1896
Leishmania donovani, development 2808
Leishmania infantum infantum, susceptibility 4126
Leishmania major
Algeria 4117
development 1453
Egypt 1881
host parasite relationships 1440
Israel 1518
transmission 316
lipophosphoglycan 3572
susceptibility 4126
Leishmania panamenis, infection, refractoriness 3658
- Phlebotomus pedifer**
Leishmania aethiopica, Ethiopia 1862, 5021
Leishmania tropica, Kenya, transmission 319
- Phlebotomus perniciosus**
Leishmania infantum infantum
Malta 1157
transmission 313
- Phlebotomus saevus**, *Leishmania tropica*, Kenya, transmission 319
- Phlebotomus sergenti**, *Leishmania tropica*, Morocco 1520
- Phoca vitulina**, *Eimeria*, UK 537
- Phorate**, rumen protozoa, buffaloes 3853
- Phosphatidylinositol**, *Plasmodium yoelii* 3084
- Phosphatidylinositols**, *Leishmania donovani* 3580
- Phosphoglycans**, *Leishmania donovani* 3156
- Phospholipids**
Babesia divergens 2782
Blastocystis hominis 4058
Giardia duodenalis 4504
Leishmania donovani 735
Plasmodium falciparum 298
Plasmodium knowlesi 298
techniques, radiolabelling, *Plasmodium falciparum* 3750
Toxoplasma gondii 1141
- Photochemistry**, chloroquine 2429
- Phototaxis**, *Ichthyophthirius multifiliis* 4094
- Phototoxicity**, chloroquine 2429
- Phrynomerus bifasciatus**, *Zelleriella sandoni*, new species, South Africa 107
- Phyllophaga anxia**, *Actinocephalus*, Canada 4783
- Phylogeny**
Apicomplexa 2291
Babesia 4976
Naegleria fowleri 4955
Plasmodium 4834
Plasmodium falciparum 4393-4394, 4833
protozoa 1758, 4067
Sarcocystidae 4979
- Physarum flavicomum**, molecular genetics 248
- Physiology**
Blastocystis hominis 3836
Entamoeba histolytica 3181, 4985
Leishmania donovani 3632, 4093, 4565
Leishmania major, osmolality 772
Phytomonas 4983
Plasmodium falciparum 773
Tetrahymena pyriformis, space flight 1638
Toxoplasma gondii 3180
Trypanosoma brucei 2292-2293, 3185, 3581, 4093, 4564
Trypanosoma cruzi 1165, 3633
- Physiopathology**
Giardia duodenalis, *Meriones unguiculatus* 4904
Plasmodium, man, reviews 2166
- Phytocoris**, *Leptomonas mycophilus*, new species, USSR 1333
- Phytomonas**
cellular biology, reviews 4349
chemotaxonomy 4558
coconuts
Brazil 1033
French Guiana 1033
- Phytomonas cont.**
physiology 4983
- Pig manure**
Balantidium coli, Chile 3655
coccidia, Chile 3655
- Pigeons** (see also named genera)
coccidia, Czechoslovakia 4336
Eimeria, drug therapy 5070
Haemoproteus, Nigeria 538
Plasmodium, Nigeria 538
Trichomonas, Czechoslovakia 4336
Trichomonas gallinae 4772
USA 1313
- Pigmeat**, *Toxoplasma gondii*, freezing 3180
- Pigs**
Acanthamoeba, histopathology, experimental infections 4483
Balantidium, susceptibility 520
Balantidium coli 3419
Caryospora bigenetica, experimental infections 4315
Cryptosporidium
China 2602
diagnosis 942
Korea Republic 3894
reviews 486
Cryptosporidium parvum 521
pathogenesis 4048
drug residues, dimetridazole 2441
Eimeria, Zimbabwe 1691
Eimeria deblickei, pathology 4044-4045, 4491
Entamoeba histolytica, China, epidemiology 1501
Isospora suis
experimental infections 2077
immune response 3531
pathology 205-206, 3561-3562, 4043
USSR 1298
protozoa
Brazil, reviews 1318
UK, control 3242
- Sarcocystis**
Brazil 2574
India, epidemiology 3653
Sarcocystis miescheriana
development 5144
haematology 722
India 994
pathogenicity 3130
pathology 196
Sarcocystis suis hominis, India, new geographic records 994
toxicity, maduramicin 1233
Toxoplasma gondii
Canada 2983
China 513
epidemiology 2309
diagnosis 197, 3164
Hawaii 3862
immunization 1104
immunodiagnosis 655, 1086, 1396, 2983
Malaysia 2061
pathology 197
USA 483
epidemiology 4104
Trichomonas suis, Japan 1299
- Trypanosoma**
Côte d'Ivoire 767
Liberia 767
Nigeria 2562
pathology 4485, 4910
Trypanosoma brucei
drug therapy 1563
haematology 4500
Nigeria 1690
pathogenicity 4917
pathology 1118
Trypanosoma congolense
Cameroon 1687
Congo 490
Trypanosoma evansi, immune response 3981
Trypanosoma gambiense
Congo 1093
immunodiagnosis 1093
Trypanosoma (Nannomonas), pathogenicity 2239
Trypanosoma simiae, experimental infections 2965

Pike, *Trypanosoma catostomi*, susceptibility 5024

Pirhemocytos kongelaiensis, new species, *Mabuya striata*, Kenya 1340

Pisaster ochraceus
Orchitophrya stellarum
Pacific Ocean, new geographic records 1425
pathology 1425

Piscinoodinium, *Puntius gonionotus*, treatment 328

Piscinoodinium pillulare, *Puntius gonionotus*, Malaysia 66

Pituitary diseases, *Trypanosoma congolense* 709

Pitymys ochrogaster, *Frenkelia microti*, experimental infections 4826

PKX, rainbow trout, pathology 2232

Placobdella ornata
Haemogregarina balli, life history 944
Trypanosoma chrysemydis, transmission 5022

Plagiopyla minuta, ultrastructure, mitochondria 4391

Plant extracts 1579, 4211
Amoeba proteus 4191
antimalarials 3369, 4200
Entamoeba 362, 457
Entamoeba histolytica 457, 1602, 2419
in vitro 1580, 1587
Entamoeba invadens 2419
Giardia duodenalis, in vitro 1587
Leishmania 1577
Leishmania donovani 884, 1922
mice 1226
Leishmania major, mice 4621
Plasmodium 457, 1974, 2411, 4192, 4657
man 361, 1223, 1575, 2399
Plasmodium berghiei 364
mice 3288, 3696
Praomys natalensis 1933
Plasmodium falciparum 4190
in vitro 1576, 3287-3288
man 363
Plasmodium yoelii, mice 4622
Plasmodium berghei, mice 3717
Theileria, cattle 3245
Toxoplasma gondii, mice 4140
Trichomonas vaginalis, in vitro 1587
Trypanosoma brucei, mice 2399
Trypanosoma cruzi 1577

Plant parasitic nematodes, protozoa, biological control 2501

Plants, Trypanosomatidae 3371

Plasma membranes
Entamoeba histolytica, reviews 2259
Plasmodium falciparum 298
Plasmodium knowlesi 298

Plasmodium
acute lower respiratory infections, man, Gambia 1280
Africa, drug resistance 876
animals, diagnosis, reviews 2606

Anopheles
Asia, transmission 1913
Cameroon, transmission 4602
China, transmission 2806, 3210
detection 2479
development 2484
immunodiagnosis 2480
India, transmission 4999
Sao Tome and Principe 4110
transmission
mathematical models 4113
reviews 3220

Anopheles dirus
Africa, transmission 1914
Asia, transmission 1914
India, transmission 5016
transmission 817

Anopheles gambiae
Cameroon 4114
Gambia, transmission 5025

Anopheles hermsi, USA, transmission 1523

Anopheles minimus
India, transmission 1671
Myanmar 1181

Anopheles neivai, Colombia, transmission 309

***Plasmodium* cont.**
Anopheles stephensi, India, transmission 5020
antigens 612, 623, 1111, 3964
sexual stages 1359
antiprotozoal agents, in vitro 382

Aotus
experimental infections, reviews 3852
immunology, reviews 3852

Arborophila gingica, China 2587

benomyl 263

birds
Ethiopia, checklists 4338
India 2091
life history 2925
South Africa, epidemiology 3436
transmission 2925
chemotaxonomy 2483
chromosomes, reviews 1756
control 907, 1607
history 3240
planning 3239
reviews 3743
crocodiles, Mexico 2094
Culicidae, development 946
data processing 1900
development 2013
DNA 1859
drug resistance
immunosuppression 4640
techniques, testing 5077
enzymes, reviews 4056
erythrocytes
host parasite relationships 1167, 4572
reviews 4099
evolution 4834
exoantigens 3960
genomes 4398
haemozoin 3582
host parasite relationships 777
rhoptries 1484
human immunodeficiency virus
man
Central African Republic 1680
India 3524
Rwanda 15
transmission, history 3910
immune response, exoerythrocytic stage 659
immunization 183
reviews 3110, 4898
immunocompromised hosts
man
drug resistance 1966
prophylaxis 1947
immunology 606-607, 3950, 3964-3965, 4005-4009, 4022-4024, 4056, 4099-4101
reviews 3898
life history 570, 2482-2483
liver cells, host parasite relationships 3964
lizards, Africa, reviews 546

man
Africa 5009
control 876, 952
economic analysis 1036-1039
epidemiology 1914, 2793
prophylaxis 2383
Argentina, epidemiology 2788
Asia, epidemiology 1649-1650, 1913-1914
Benin 3813
Burkina Faso, economic analysis 1039
Burundi
control 2814
epidemiology 1508
Cameroon 3385
control, economics 3906
epidemiology 4114, 4602
Central America 3895
control 322
China 983-984, 2510, 2954
control 1190, 2811-2812, 3243, 5118
epidemiology 1176, 2699, 2806, 3210
Colombia
control 4617
epidemiology 309

***Plasmodium* cont.**
man cont.
conferences 954
Congo 3824
control 1608, 2897, 3746, 3902, 4134
history 3237
water management 1992
Côte d'Ivoire 1928
depression 2539
diagnosis 421, 427, 940, 1998, 2001, 2473, 2478, 2499, 3758, 3990, 4682, 4685, 4693, 5140
reviews 2606, 4258
drug resistance 4134
drug therapy 341, 361, 1210, 1555, 1592, 1594, 1598, 1930, 1976, 2382, 2473, 2491, 2885, 3271, 3307, 4212, 4231, 4661
history 4172
reviews 1927, 2166, 2374
timing 1936
ecology 604, 4396
Egypt, epidemiology 4603
epidemiology 2492, 3215, 4604
mathematical models 4113, 4588
Europe 2784
epidemiology 1649
evolution 604, 4396
France 3817
military personnel 2937
Gambia
control 4685
epidemiology 5025
mortality 12
general account 3828
Guatemala
beliefs 3672
control 4235-4236
haematology 3527
host parasite relationships 3189
immune response 3527
reviews 155, 4006
immunity 4005, 4291
reviews 4006-4009, 4011
immunization 673, 1063, 1111, 4134
mathematical models 4588
reviews 676, 2607, 2715, 3111, 3549, 4022-4024, 4033
immunodiagnosis 163, 1807, 2200, 2699, 3990
reviews 4258
immunology 1063
reviews 2166
immunotherapy 4173
India 1672
control 400, 1246, 3676
epidemiology 1671, 1899, 2320, 2324, 3202, 3794, 5015, 5020
Indonesia 1492
control 1268, 3673
information services, India 2017
Italy, control 3238
Japan 476, 980
Kenya 4212
epidemiology 2321, 4106, 4603
Liberia 4291
Madagascar, epidemiology 1510, 2791-2792
Malaysia
control 3744
epidemiology 798
Mali 1290
epidemiology 1511
Mauritius, epidemiology, reviews 1503
Mediterranean Countries, epidemiology 1647-1649
Mexico
control 3666
epidemiology 3666
molecular genetics, reviews 2603
Myanmar, epidemiology 1181
natural selection 3501
Niger 940
Nigeria 2551, 4733
epidemiology 4603
Papua New Guinea
control 2815
epidemiology 2711
pathology 1122-1123, 1672, 4909

- Plasmodium cont.**
 man cont.
 pathology cont.
 reviews 2227
 physiopathology, reviews 2166
 pregnancy 3828
 prevalence 2504
 prophylaxis 12, 334, 341, 843, 1274, 1926, 1928, 1930, 1981, 1983, 2370, 2813, 2828, 2885, 3271, 3313, 3704, 3737, 3831, 4231, 4616, 4630
 psoriasis 3721
 reviews 1927, 2371
 relapse, reviews 4700
 resistance 3501
 Reunion, epidemiology, reviews 1503
 reviews 73, 1320, 2116, 2121
 rural development 2322
 Rwanda, economic analysis 1038
 Sao Tome and Principe, epidemiology 4110
 South America, control 322
 South East Asia
 epidemiology 311
 resistance 3195
 Southwest Pacific, control, history 4278
 Sri Lanka 3793
 control 1247, 3745
 susceptibility 1810
 Switzerland 2850
 symptomatology 4291
 symptoms 2231
 Taiwan, epidemiology 317
 Thailand
 control 916, 2926, 4289
 economic analysis 4785
 economic impact 4289
 epidemiology 817, 2926
 health centres, economic analysis 4785
 social impact 4289
 Togo 2835
 treatment 2835, 2850
 reviews 1214
 toxicity, chloroquine 368
 tropics, missionaries 1498
 Turkey, epidemiology 4603
 USA 2032
 epidemiology 1523
 transmission 4122
 USSR 2960
 control 5026
 epidemiology 5026
 Zaire 3829
 epidemiology 1504
 symptomatology 2546
 Zambia 1674, 2001
 mice, immune response 3960
 molecular genetics 743, 758
 phylogeny 4834
 polymerase chain reaction 3336
 population genetics 1352-1353
 poultry 1714
 Nigeria 538
 primates, relapse, reviews 4700
 quinones, *in vitro* 382
 relapse, reviews 783
 remote sensing 1249
 rhoptry organelles 4531
 rodents, disease models 1808
Saimiri
 experimental infections, reviews 3852
 immunology, reviews 3852
Saimiri sciureus, disease models 3851
 sickle cell anaemia, man, Nigeria 4732
 South East Asia, bibliographies 1644-1646
 techniques
 counting, blood 1254
 detection 2461
 identification 4977
 separation, erythrocytes 4239
 staining, blood 4682
 transmission, human activity 3663
 turkeys, Nigeria 4773
 ultrastructure 570
Plasmodium acuminatum
Mabuya striata, Kenya 1342
 morphology 1342
Plasmodium aduyninkai, new species,
Mabuya striata, Kenya 1341
Plasmodium berghei 2172
Anopheles
 density 1524
 kinetics 1524
Anopheles stephensi
 detection 436
 development 1182, 1611
 host parasite relationships 3216
 immunodiagnosis 3988
 infectivity 5023
 transmission 4116
 antigens 646, 1794
 ookinetes 3547
 circumsporozoite protein 3076, 4923
Cochlospermum angolense, extracts, *in vitro* 3696
 culture techniques
 hepatoma cell lines 4670
in vitro, ookinetes 2457
 cytochemistry 597
 deoxygeninghaosu, *in vitro*, mode of action 2893
 development 1339
in vitro 4986
 DNA, synthesis 2267
 DNA probes 436
 drug resistance, chloroquine 882
 enzymes 2825, 3136
 erythrocytes, host parasite relationships 4239, 4680
 gene expression, aldolase 4080
 genes 1794
 genetic variation 2165
 immune response 134, 1794
 ion exchange, *in vitro* 4986
 life history, *in vitro* 3765
 macrophages, host parasite relationships 774
 mice
 drug therapy 374, 1934, 2378, 2384, 2426, 2825, 3254, 3269, 3288, 3684, 3696, 3717, 4633, 4647
Streblus asper, extracts 364
 experimental infection 2465
 haematology 1435
 histopathology 4906
 immune response 1788, 2180, 3068
 immunization 178, 1414, 3547, 4891
 immunopathology 2218
 immunotherapy 2172, 3679
 pathogenesis 2247, 3068, 4495
 pathogenicity 2243
 pathology 4918
 prophylaxis 1934
 resistance 289
 susceptibility, aflatoxins 3538
 treatment 847
 mitosis 1761
Mus musculus, treatment 1208
 nucleotide sequences 263
Praomys natalensis
 drug therapy 1933
 host parasite relationships 2299
 pathogenesis 1133
 rats
 drug therapy 4654
 immunopathology 190
 pathology 2726, 4486
 techniques
 computer 2465
 quantification, glycolysis 4680
 transmission 446
 ultrastructure 597, 1339
Plasmodium bowiei, new species, **Mabuya striata**, Kenya 1341
Plasmodium brasilianum
 antigens 4587
 erythrocytes, host parasite relationships 4587
 monoclonal antibodies 629
 primates, Brazil, epidemiology 3398
Saimiri sciureus, immune response 629
Plasmodium chabaudi
 drug resistance
 chloroquine 2862
 reversal 357
 pyrimethamine 2862
 erythrocytes, host parasite relationships 4239
Plasmodium chabaudi cont.
 mice
 histopathology 4906
 immune response 3963
 immunity 3540-3541
 immunization 672, 2212
 immunosuppression 192, 4901
 resistance 289, 2710
Plasmodium circumflexum
Numida meleagris, South Africa 1837, 2093
 turkeys, pathogenicity 1837
Plasmodium coatneyi
 erythrocytes, host parasite relationships 282
Macaca mulatta
 disease models 4494
 pathogenicity 4494
Plasmodium coulangeri
 ultrastructure
 blood stages 2663
 oocysts 2663
Plasmodium cynomolgi
Anopheles, susceptibility 1514
Anopheles dirus, development 2009
 antigens 1764
 Cercopithecidae, immune response 1369
Macaca mulatta
 drug therapy 332, 1685, 5041
 immune response 3508
 immunotherapy 3680
 prophylaxis 868
 mice
 immune response 1764
 immunization 4897
Plasmodium dissanaikei
 morphology 2586
Pycnonotus jocosus, China 2586
Plasmodium falciparum 835
 acylates, derivatives 380
 adenosine, analogues, *in vitro* 4647
 Africa
 chloroquine, drug resistance 1967
 drug resistance
 4-aminoquinolines, reviews 5082
 antifolates, reviews 5082
 chloroquine 4182-4183, 4185
 halofantrine 4185
 mefloquine 4185
 pyrimethamine sulfadoxine 4185
 quinine 4185
 amodiaquine, *in vitro* 3681
Anopheles
 Burkina Faso, transmission 1494
 Dominican Republic 1513
 identification, ELISA 406
 immunodiagnosis 1905
 infectivity 3700
 Italy, transmission 1906
 Kenya 1515
 transmission 3659
 Madagascar, transmission 789
 Malaysia 2800
 Taiwan, reviews 317
 transmission 815, 4608
Anopheles darlingi, Suriname, transmission 4115
Anopheles dirus, development 2009
Anopheles gambiae
 Burkina Faso, transmission 3651
 development 4611
 Tanzania 4611
Anopheles littoralis, experimental infections 4609
Anopheles maculatus, Malaysia, transmission 835
Anopheles mascarensis, Madagascar, transmission 3222
Anopheles stephensi
 biological control 2898
 detection 436
 immunodiagnosis 3988
 infectivity 2775
 transmission 806, 4613
 antibodies 120
 antigenic variation 2188
 antigens 133, 152, 265-266, 639, 741, 1073, 1079, 1144, 1152, 1358, 1380, 1769, 1792, 1871, 2691, 2753, 3080, 3088, 3093, 3525, 4420, 4587, 4839, 4849

***Plasmodium falciparum* cont.**

- antigens cont.
 - merozoites 622, 2212, 2671, 2676, 2681, 3507, 3600, 3612
 - Pf155/RESA, erythrocytes 124
 - cross reaction, developmental stages 4408
- antimalarials
 - in vitro* 353
 - mode of action 379
- Aotus*, immunization 1818, 3552
- Aotus trivirgatus*
 - immunization 671
 - susceptibility 4003
- Aotus vociferans*, experimental infections 479
- ascorbic acid, *in vitro* 4984
- 2-aziridinyl-1,4-naphthoquinonyl sulfonate, derivatives 380
- Benin
 - drug resistance
 - chloroquine 1570
 - proguanil 5081
 - mefloquine 1570
 - 2,3-bis (aziridinyl)-1,4-naphthoquinonyl sulfonate, derivatives 380
- Brazil
 - drug resistance
 - amodiaquine 3695
 - chloroquine 3695
 - pyrimethamine sulfadoxine 3695
- Cambodia, drug resistance, mefloquine 5075
- Cameroon
 - drug resistance
 - amodiaquine 4184
 - chloroquine 2395, 3281, 4184
 - mefloquine 3282
 - quinine 3281
 - cell invasion, merozoites 3638
 - Central African Republic, drug resistance, mefloquine 1217
 - chelating agents, *in vitro*, mode of action 2892
 - chemotaxonomy 274, 769, 1880, 2775
 - China, drug resistance, chloroquine 2512
 - chloroquine 1568
 - amlodipine, *in vitro*, potentiation 897
 - in vitro* 1965, 3681, 3720, 4651
 - chlorpromazine, *in vitro* 3720
 - chromosome polymorphism, mitomycin 3607
 - cinnamic acid derivatives, *in vitro* 4060
 - circumsporozoite protein 1863, 4923
 - Congo
 - drug resistance
 - amodiaquine 2865
 - chloroquine 2865, 3713
 - halofantrine 3713
 - mefloquine 3713
 - quinine 3713
 - culture techniques 408, 1250, 1999
 - contamination 4669
 - cyclosporin A, *in vitro* 3269
 - cytoadherence, reviews 4101
 - cytochemistry 597
 - cytochromes 4085
 - cytokines, *in vitro* 3973
 - daphnetin, *in vitro* 3289
 - N-desbutyl halofantrine, *in vitro* 4652
 - desferrioxamine
 - in vitro* 4651
 - mode of action 1980
 - development, *in vitro* 444
 - DNA, synthesis 2267
 - DNA polymerase 4090
 - DNA probes 436
 - drug resistance
 - amodiaquine 2832
 - artesunate, *in vitro* 2863
 - chloroquine 272, 350-351, 874-875, 882, 1219-1220, 1465, 1965, 2775, 2832, 2880, 4186, 4533
 - in vitro* 359
 - cycloguanil 875
 - mathematical models 1564
 - pyrimethamine 875, 1567, 3607, 4541
 - pyronaridine 1965
 - reviews 1963
 - drug therapy 773

***Plasmodium falciparum* cont.**

- Entoploypoides macaci*, antigens, cross reaction 654
- enzymes 257, 1143, 1441, 1842, 1849, 1851, 3169, 3604, 4952
- DNA polymerase 225
- erythrocytes
 - antigens 3075
 - cell invasion, magnesium 4989
 - cytoadherence 3563-3564
 - α -difluoromethylornithine, *in vitro* 5124
 - host parasite relationships 280, 285, 287, 298, 779, 1170, 1486, 1889, 2296, 3187, 3563-3564, 3641, 4098, 4100, 4102, 4570-4571, 4573, 4575-4576, 4578, 4587, 4984, 4992
 - in vitro* 1886, 4569
- evolution 1760, 4833
- fatty acids, *in vitro* 2426
- fluorescence microscopy 4675
- folic acid, synthesis 4514
- free radicals 4226
- genes 1465, 2772-2773, 4071, 4534, 4969
 - antigens 2753
 - genetic polymorphism 1462-1463
 - genetic variation 5159
 - glucose-6-phosphate dehydrogenase, man, India 3650
 - glycoproteins 4053
 - guinea pigs, immunization 4896
 - heat shock proteins 227, 4057
 - histiocytosis, man, immune response 4473
 - histones 4951
 - host parasite relationships 1893, 2300, 3088, 4582
 - immune response, histiocytosis 4473
 - merozoites 2779
 - polypeptides, erythrocytes, binding 222
- human immunodeficiency virus
 - man
 - India 3512
 - Zaire 788
- hydroxypiperaquine, *in vitro*, mode of action 3314
- hydroxynaphthoquinones, *in vitro*, mode of action 2879
- hydroxytrifluoromethylbenzylamines, *in vitro* 2431
- immune response 120, 148, 624, 1067, 3084, 4420
 - macrophages, liposomes, phagocytosis, assimilation 121
- immunization 184
- India
 - drug resistance 1969
 - amodiaquine 3681
 - chloroquine 1671, 1968, 2398, 3251, 3681, 3712, 4641, 4644-4645, 5076
 - losses 2126
- Indonesia
 - drug resistance
 - chloroquine 1221
 - pyrimethamine sulfadoxine 1221
- interleukin 4, *in vitro* 3973
- karyotypes 1757
- Kenya
 - drug resistance
 - amodiaquine 5039
 - chloroquine 354, 3284, 4163, 5039
 - chloroquine-resistance 2868
 - pyrimethamine sulfadoxine 354
- knob protein 4966
- Liberia, drug resistance, chloroquine 5080
- ligands 4100
- macrophages, immune evasion 3973
- Madagascar, drug resistance, chloroquine 1571-1572
- major histocompatibility complex, immunopathology 4455, 4886
- Malawi
 - drug resistance
 - chloroquine 5079
 - pyrimethamine 5079

***Plasmodium falciparum* cont.**

- Mali, drug resistance, chloroquine 1573
- man
 - Africa, prophylaxis 3691, 5055
 - Algeria, epidemiology 5007
 - antigens, cross reaction 3965
 - Australia 4301, 5013
 - Austria 850
 - Benin 3814
 - Brazil 1380
 - epidemiology 4593
 - Burkina Faso
 - control 909, 3325
 - drug resistance, chloroquine 1971
 - epidemiology 1494, 3651
 - morbidity 3392
 - mortality 3392
 - Cameroon 4913, 5002
 - drug resistance, chloroquine 861
 - Canada 1659, 2030
 - Central African Republic 3389
 - China 2511
 - Colombia, epidemiology 1497
 - Comoros
 - control 1245
 - epidemiology 4591
 - Congo 3821, 4156
 - control 1640, 3674
 - Côte d'Ivoire 3839
 - diagnosis 426, 430, 1627, 1629, 2472, 3341, 3346, 3348, 4262, 4683-4684, 4688, 5138
 - Djibouti 2799
 - Dominican Republic, epidemiology 1513
 - drug therapy 333, 344, 363, 372, 850, 861, 1200, 1205, 1212-1213, 1222, 1540, 1547, 1554, 1569, 1572, 1935, 1948, 1951, 1956, 1969, 2364, 2367, 2401, 2408, 2430, 2827, 2838, 2853, 2871, 3249, 3251, 3257-3258, 3261, 3266-3267, 3285, 3379, 3681, 3686, 3688, 3695, 3700, 3702, 3786, 3832, 4138, 4156, 4163, 4168-4169, 4174, 4196, 4632, 4648, 5002, 5039, 5045, 5052-5053, 5063, 5075, 5080, 5097, 5106
 - Africa 848
 - cost benefit analysis 2819
 - reviews 1924, 1942, 3705, 5054
 - treatment failure 4631
 - Egypt 970
 - Equatorial Guinea, epidemiology 4592
 - Ethiopia 3
 - France 359, 1676, 1795, 2401, 2534, 3249, 3818-3819, 4730
 - French Guiana 1677
 - Gabon 640, 3391
 - Gambia 4038
 - mortality 2559
 - natural selection 3544
 - prophylaxis 1549
 - resistance 3544
 - Germany 967, 1276, 3257
 - glomerulopathy 4908
 - haematology 721, 1135-1136, 1196, 2744, 3380
 - host parasite relationships 3129
 - immune evasion 3973
 - immune response 119, 126, 131, 145, 149, 195, 618, 639, 1071, 1100, 1365, 1373, 1773-1775, 1785, 1787, 2189, 2677, 2685, 2694, 3117, 3196, 3506, 3512, 3514-3515, 3954-3955, 3958, 4427, 4430, 4435, 4591, 4593, 4845-4846, 4858
 - prophylaxis 343
 - reviews 3525
 - sickle cell trait 3072
 - immunity 667, 1100, 1153, 3107, 3113
 - antibodies 1408
 - thalassaemia 1408
 - immunization 131, 692, 1410, 1640, 1773, 1786, 1817, 1820-1821, 3113, 4021, 4029-4032, 4890, 4895, 4899

***Plasmodium falciparum* cont.**

man cont.
 immunization cont.
 reviews 2718, 4464
 immunodiagnosis 140, 161, 1087,
 1089, 1289, 1804, 2705, 2962,
 3093, 3099, 4450
 urine 1380
 immunology 3113
 immunopathology 1416, 2698, 3117
 immunotherapy 1543, 3680
 India 968, 1671, 1682, 1908, 2189,
 3380, 4641
 control 2317, 2449, 4107
 epidemiology 2317, 4107, 4999,
 5016
 Indonesia 667
 Israel 2946
 Italy 2503, 4302
 epidemiology 1171
 transmission 1906
 Japan 3099
 Kenya 22
 epidemiology 3659
 Kuwait 4728
 Liberia 1153
 Madagascar 1288-1289, 3258
 drug resistance, chloroquine 2866
 epidemiology 300, 789, 2790-
 2792, 3222
 Malaysia 2519, 2705, 2950
 epidemiology 835, 2800
 Mali 1291
 Netherlands 966
 Nigeria 2953, 3283, 4479
 Papua New Guinea 2698
 epidemiology 2540
 splenomegaly 2692
 pathogenesis 2241, 2740, 3129, 3827
 pathogenicity 1431, 3563, 4913
 pathology 195, 199, 1126-1127, 1423,
 2725, 2728, 3121, 3559, 4039,
 4479
 Philippines 4169
 pregnancy 3830, 3832
 prophylaxis 354, 376, 866, 1172,
 1550, 1582, 1597, 1954-1956,
 2836, 3246, 3264-3265, 3706,
 4156, 4224, 4230, 4629, 5049,
 5051, 5063, 5069
 reviews 1942
 resistance 1403, 1682, 2711
 Reunion, control 4132
 Saudi Arabia 360, 4715
 Senegal 1658
 drug resistance, chloroquine 2867
 Sri Lanka 1660
 epidemiology 786, 1179, 1527,
 1785
 Suriname, epidemiology 820, 4115
 Sweden 1217
 Switzerland 3379
 Tanzania 333, 1365
 control 912-915
 Thailand 4168, 4688
 epidemiology 815
 transmission 835, 1494, 1907-1908,
 3228, 3651, 4715
 heart transplant 2545
 travel 2929
 treatment 1196, 1199, 2839, 3249,
 3786, 4149, 4164, 5053
 reviews 3705
 UK 866, 1662, 2537
 USA 2038
 transmission 4123
 USSR 978
 Vietnam 2962
 Zaire, pregnancy 2228
 Zambia 3121
 Zimbabwe 3559
 prophylaxis 4175
 measles, man, Tanzania 1324
 mefloquine 1568
in vitro 1964, 3681
 metabolites, *in vitro* 1236
 metabolism 4509
 lactic acid 4060
 mice
 drug therapy 2431

***Plasmodium falciparum* cont.**

mice cont.
 immune response 622, 1082, 2173,
 2671, 3967
 immunization 179, 675, 1386, 1814,
 2173, 2212-2213, 2717, 3967,
 4896
 immunopathology 1112
 pathogenicity 3563
 mitochondrial DNA 410
 mitochondrial genetics 1455
 molecular genetics 257, 259, 261
 monkeys, immunization 1814
 monoclonal antibodies 4837
 monodesethylamodiaquine, *in vitro* 2832
 Mozambique
 drug resistance
 chloroquine 5079
 pyrimethamine 5079
 Niger, drug resistance, chloroquine 359
 Nigeria, drug resistance, chloroquine
 1568, 3283, 4188
 nitric oxide, *in vitro* 1364
Nosema algerae, *Anopheles stephensi*,
 interactions 2898
 nucleic acids 1461
 nucleosides 4507
 nucleotide sequences 263, 1468-1469,
 1471, 1477, 2188, 4090
 outcrossing, gametocytes 4831
 Papua New Guinea
 drug resistance
 amodiaquine 2864, 3286
 chloroquine 2864
 paraquat, *in vitro*, mode of action 2415
 pathogenesis 2736
 pathogenicity 3564
 peptides 1144
 phenotypes, techniques, selection 4673
 phylogeny 4393-4394, 4833
 physiology 773
 plant extracts, *in vitro* 3287-3288
Plasmodium vivax
 man
 China, mixed infections 2512
 USA 3384
 polyamines, *in vitro* 374
 polymerase chain reaction, oocysts 1467
 polypeptides 222
 primaquine, *in vitro* 1235
 prochlorperazine, *in vitro* 3720
 prophylaxis 1952
 protein secretion, *in vitro* 4516
 protein synthesis 1461
in vitro 4516
 proteins 235-236, 266, 733, 1853, 3587,
 4100
 pyrimethamine sulfadoxine, *in vitro* 1964
 pyrimidines, *in vitro*, mode of action
 4197
 pyronaridine, *in vitro* 1965
 qinghaosu, mode of action 1589
 quinidine, *in vitro* 5080
 quinine 1568
in vitro 1964, 3681, 5080
 rabbits, immunization 3080, 4896
 rats, immunization 1101
 restriction fragment length polymorphism
 3613
 rhoptry protein 3615
 RNA 255
 RNA polymerase 1456
Saimiri sciureus, immunization 179, 674,
 3112
 Senegal, drug resistance, chloroquine
 4646
 sickle cell anaemia
 man 2542
 Gabon 3835
 sickle cell trait, man, immune response
 4412
 Sierra Leone, drug resistance, chloro-
 quine 1662
 Somalia
 drug resistance
 chloroquine 1218, 1222, 1964
 mefloquine 1218
 South Africa
 drug resistance
 chloroquine 5079
 pyrimethamine 5079

***Plasmodium falciparum* cont.**

sphingolipids 239
 Sudan
 drug resistance
 chloroquine 360, 1595, 1757,
 3285, 4643
 desethylchloroquine 4643
 surface antigens 3587
 T lymphocytes, *in vitro* 638
 Tanzania, drug resistance, chloroquine
 3686, 5074
 techniques
 concentration, blood 4247
 cryopreservation 5122
 detection 1629
Anopheles 1515
 capillary blood 4262
 venous blood 4262
 determination, phospholipids 2000
 isolation
 blood 4247
 mitochondrial DNA 5125
 trophozoites 5124
 radiolabelling, phospholipids 3750
 Thailand
 drug resistance
 mefloquine 353, 1547
 pyrimethamine sulfadoxine meflo-
 quine 3690
 transcription 3622
 trimethoprim sulfamethoxazole, *in vitro*
 1569
 tumour necrosis factor 3117
 ultrastructure 597, 1060, 3314
 West Africa, drug resistance, chloroquine
 967, 1565
 xanthine oxidase, *in vitro* 2869
 Zambia, drug resistance, chloroquine
 1216
Plasmodium fischeri
Mabuya striata, Kenya 1342
 morphology 1342
Plasmodium formosanum, *Amaurornis*
phoenicurus, Malaysia, new host
 records 541
Plasmodium fragile, cytoadherence, erythro-
 cytes, *in vitro* 2735
Plasmodium gallinaceum
Aedes aegypti
 development 3214
 host parasite relationships 1903
 infectivity 4888, 5023
 susceptibility 1912
Anopheles pulcherrimus, experimental
 infections 1911
Anopheles sacharovi, experimental infec-
 tions 1911
 enzymes, ookinetes 1903
 fowls
 infectivity 4888
 transmission 1911
 morphology 596
Plasmodium giganteum
Mabuya striata, Kenya 1342
 morphology 1342
Plasmodium gloriati, new species, *Mabuya*
striata, Kenya 1341
Plasmodium icipeensis, new species,
Mabuya striata, Kenya 1341
Plasmodium juxtannucleare
Culex saltanensis, Brazil 824
 fowls, Brazil, epidemiology 824
Plasmodium kachelibaensis, new species,
Mabuya striata, Kenya 1341
Plasmodium kadogoi, new species, *Mabuya*
striata, Kenya 1341
Plasmodium kaninii, new species, *Mabuya*
striata, Kenya 1341
Plasmodium knowlesi
 circumsporozoite protein, gene expression
 4536
 enzymes 3590
 erythrocytes, host parasite relationships
 298, 4100
 ligands 4100
Macaca mulatta
 drug therapy 3119, 3256
 immune response 630, 2690
 pathogenesis 3256
 pathology 1427, 3119
 proteins 4100

- Plasmodium kyaii*, new species, Agama agama, Kenya 1341
- Plasmodium lophurae*
morphology 2662
Pycnonotus jocosus, experimental infections 2662
- Plasmodium mabuiae*
Agama agama, Kenya 1342
Mabuya striata, Kenya 1342
morphology 1342
- Plasmodium maculilabre*
Mabuya striata, Kenya 1342
morphology 1342
- Plasmodium malariae* 835
Anopheles, Taiwan, reviews 317
Anopheles maculatus, Malaysia, transmission 835
- man
Algeria, epidemiology 5007
Brazil, epidemiology 4593
Côte d'Ivoire 3839
drug therapy 1213
France 2534
glomerulopathy 4908
haematology 721
immune response 4593
immunity, splenectomy 4882
immunodiagnosis 1392
India 2934
epidemiology 4999
Italy 4302
Kuwait 4728
Madagascar, epidemiology 300, 2790
Malaysia 2950
epidemiology 835
Papua New Guinea, epidemiology 2540
transmission 835
USA, transmission 4123
- Plasmodium (Novyella)*
morphology 4827
Strix varia, USA 4827
- Plasmodium odhiamboi*, new species, *Mabuya striata*, Kenya 1341
- Plasmodium ovale*
Africa, drug resistance, chloroquine 4185
- man
Belgium 867
drug therapy 1213
Equatorial Guinea, epidemiology 4592
France 2534
haematology 1136
Italy 4302
Madagascar, epidemiology 300, 2790
Malaysia 2518
pathology 199
prophylaxis 867
UK 2523
USA, transmission 4123
- Plasmodium pedioceti*, *Centrocercus urophasianus*, host parasite relationships 3636
- Plasmodium percygarnhami*
ultrastructure
blood stages 2663
oocysts 2663
- Plasmodium pitmani*
Mabuya striata, Kenya 1342
morphology 1342
- Plasmodium reichenowi*
antigens 2765
genes, antigens 2765
- Plasmodium relictum*, *Spheniscus demersus*, South Africa 4771
- Plasmodium robinsoni*
Agama agama, Kenya 1342
morphology 1342
- Plasmodium sapaensis*, new species, *Mabuya striata*, Kenya 1341
- Plasmodium simiovale*, *Macaca mulatta*, host parasite relationships 283
- Plasmodium vinckei*
mice
drug therapy 2413
immunity 172
- Plasmodium vinckei petteri*, mice, drug therapy 1556
- Plasmodium vivax* 835
Africa, drug resistance, chloroquine 4185
ampicillin, *in vitro* 5109
- Plasmodium vivax* cont.
Anopheles
Malaysia 2800
susceptibility 1525
Taiwan, reviews 317
transmission 4734
Anopheles darlingi, transmission, chloroquine 1526
Anopheles dirus, development 2009
Anopheles gambiae, susceptibility 2325
Anopheles maculatus, Malaysia, transmission 835
Anopheles sacharovi, development 826
Anopheles sinensis, China 3646
Anopheles stephensi
circumsporozoite protein 2748
immunodiagnosis 3988
antigens 141, 617, 1380, 2682, 2764, 4587
merozoites 4953
Aotus, drug therapy 4624
Aotus azarae, experimental infections 4734
Aotus nancymai, experimental infections 4734
chemotaxonomy 4079
China, drug resistance, chloroquine 2512
circumsporozoite protein 4079, 4734, 4923
oocysts 2748
polymorphism 4091
ELISA 3995
erythrocytes, host parasite relationships 4100, 4587
genes, antigens 2764
glucose-6-phosphate dehydrogenase, man, India 3650
host parasite relationships, merozoites 4086
immune response 3084
Indonesia, drug resistance, chloroquine 352, 4624
life history 1885
ligands 4100
- man
Australia 355, 4301
Bangladesh, epidemiology 4594
Brazil 1380
epidemiology 1525-1526, 4593
Canada 4721
China
control 1191, 2447
epidemiology 3218, 3646
congenital infection, prophylaxis 4729
diagnosis 440, 2472, 4683-4684, 5138
drug therapy 1213, 5045, 5064
reviews 5054
France 2533-2534, 4382
Gabon 1885
haematology 1136, 3380
host parasite relationships, evolution 3950
immune response 119, 126, 1785, 3514, 3959, 4421, 4497, 4593
immunization, reviews 4464
immunodiagnosis 1391, 2962, 3099, 3995, 4447
urine 1380
immunopathology 1418
India 968, 1661, 1671, 1908, 3380
control 2449
epidemiology 1895, 4999, 5016
Israel 2946
Italy 4302
epidemiology 1171
Japan 3099
Korea Republic, reviews 3647
Kuwait 4728
Madagascar 1885
epidemiology 300, 2790
Malaysia 2950
epidemiology 835, 2800
Mexico, epidemiology 811
Papua New Guinea, epidemiology 2540
pathogenesis 4497
pathology 199, 1126
resistance 2711
Saudi Arabia 4715
- Plasmodium vivax* cont.
man cont.
Sri Lanka
epidemiology 786, 1179, 1527, 1785, 5028
immunity 4883
Suriname, epidemiology 820
transmission 835, 1908, 4715
mathematical models 3227, 5028
USA 467, 2033, 3384, 5050
malarial therapy 3667
transmission 4123
USSR 2962
Vietnam 2962
mice, immune response 4421
monoclonal antibodies 3995
nucleotide sequences 268
oxytetracycline, *in vitro* 5109
Papua New Guinea
drug resistance
chloroquine 355
mefloquine 5078
Plasmodium falciparum, man, China, mixed infections 2512
polyclonal antibodies 3995
prophylaxis 1952
proteins 4100
merozoites 4086, 4953
Saimiri, drug therapy 4624
Saimiri sciureus
experimental infections 4734
immunization 189, 677, 1108, 3554
immunopathology 189
Saimiri sciureus boliviensis, immunization 4020
Sanguinarius geoffroyi, haematology 1436
techniques
concentration, blood 4247
isolation, blood 4247
ultrastructure, blood stages 4382
- Plasmodium yoelii*
aminopterin, *in vitro*, mode of action 2894
antigens 641
chlorcycloguanil, *in vitro* 2410
chlorproguanil, *in vitro* 2410
cycloguanil, *in vitro* 2410
cycloheximide, *in vitro*, mode of action 2894
cytochemistry 597
drug resistance, chloroquine 897
hydroxynaphthoquinones, *in vitro*, mode of action 2879
immune response 3084
mice
drug therapy 897, 1194, 2877, 3248, 3289, 3701, 4622
immune response 631, 641, 2176, 2178, 3957
immunization 675, 3546
pathogenicity 2243
prophylaxis 3701, 4622
resistance 631, 2211
susceptibility 3429
treatment 847
nitroquine, *in vitro*, mode of action 2894
proguanil, *in vitro* 2410
proteins, merozoites 4546
pyrimethamine, *in vitro* 2410
rats, susceptibility 3429
ultrastructure 597
- Plasmodium yoelii nigeriensis*
Anopheles sinensis, feeding behaviour 3657
Anopheles stephensi, feeding behaviour 3662
mice, pathology 1116
Nosema algerae, *Anopheles stephensi*, interactions 1528
- Platelets**
Plasmodium 721
reviews 3073
toxicity, chloroquine 1597
Toxoplasma gondii 288
Trypanosoma musculi 1362
- Platinum**
Leishmania donovani, *in vitro* 5087
mode of action 5087
- Pleistophora**
man 1287
Theragra chalcogramma, USA 550

- Pleistophora ellipsoidea**, new species, *Daphnia magna*, Lithuania 2657
- Pleistophora ladogensis**, *Osmerus eperlanus*, pathology 2234
- Pleistophora schubergi**
Choristoneura funiferana, development 1344
nomenclature 1344
- Pleistophoridae**, *Cherax*, Australia 1317
- Pleurobranchia bachei**
dinoflagellates, USA, new host records 2107
- Oodinium*, USA, new host records 2107
- Pneumocystis carinii**
antibodies 2187
antigens 2187, 2679, 3089, 4841
antiprotozoal agents, *in vitro*, screening 1987
benzimidazole, *in vitro*, mode of action 4198
benzimidazoles, *in vitro*, mode of action 4198
books 3780
carbohydrates 4518
chemotaxonomy 275, 770
cytomegalovirus, man, interactions 3048
DNA 2769
dogs 3462
enzymes 898
glycolipids 4841
glycoproteins 1780
growth, *in vitro* 2754
herpes simplex virus, man, interactions 3048
horses, UK 4815
human immunodeficiency virus
 cytomegalovirus, man, interactions 86
 diagnosis, reviews 1744
 drug therapy 336
 reviews 1744
 interactions, mathematical models 2781
man 1735, 2148, 2830, 3042, 4792
 Australia 2627
 Canada 326, 2651, 3461
 Chile 4251, 4368
 Côte d'Ivoire 3047
 Denmark 3051
 diagnosis 193, 423-424, 428, 433-434, 1542, 2130, 2470, 2637, 2912, 2914-2915, 2921, 3345, 4251, 4690, 5132, 5135, 5139
 reviews 2640
 disseminated infections 2230, 3929
 drug therapy 326-327, 367, 888, 1193, 1558, 1932, 2133, 2380, 2432, 2846, 2874, 2886, 2891, 3270, 3734, 4171, 4228-4229, 4623, 5043, 5061
 reviews 3685
 extrapulmonary infection 2624
 France 2143, 3471, 3480, 3816, 3925, 4802, 4804
 general account 3475
 Germany 1193, 2620
 Hong Kong 3046
 immune response 619, 2187, 4359
 immunodiagnosis 434, 5132
 Italy 1045, 3473, 3915
 mortality 3048, 3922
 Netherlands 2140, 3459
 pathogenesis 2652
 pathology 96, 193, 702
 pneumothorax 2633
 prognosis 424, 3044
 prophylaxis 1542, 1747, 1931, 2365, 2368, 2620, 2637, 2826, 2831, 2840-2841, 2843, 2846, 2887, 2915, 3247, 3259-3260, 3460, 3692, 3697, 3929, 4155, 4157, 4160, 4166, 4170, 4800-4801, 5043, 5057, 5065, 5067-5068
 pentamidine, aerosols 325
 reviews 1921, 2640, 3050, 3685, 5152
 radiography 4791
- Pneumocystis carinii** cont.
human immunodeficiency virus cont.
man cont.
 reviews 1737, 2131, 2137, 2142, 2144, 2616, 3795, 4040, 4814
 scintigraphy 3697
 Spain 433, 1738, 2130, 3472, 4364
 Switzerland, epidemiology 4809
 T lymphocytes 3933
 treatment 1327, 2369, 2834, 2844, 3051
 reviews 2640
 toxicity, trimethoprim 4217
Tunisia 1332
UK 93, 2132, 2135, 2636, 2647
USA 193, 336, 888, 1732, 1734, 1741, 1747, 1932, 2139, 2621, 2625, 2641, 2645, 3312, 3460, 3474, 3476-3477, 3479, 3917, 3920, 3932, 4357, 4795, 5059
 epidemiology 1328
 reviews 3913
USA 2638
immune response 137
immunocompromised hosts
 man
 Chile 4251
 diagnosis 1626, 2910-2911, 2921-2922, 3755, 4251, 4264, 4805, 5128, 5136
 reviews 934
 drug therapy 2842, 4144, 4648
 reviews 3241
 France 2143, 2623
 immune response 3979
 immunodiagnosis 162
 immunological deficiency 87, 3979
 Japan 3931
 treatment 3682
 Netherlands 4805
 osteomyelitis 4361
 pneumonia 4362
 prophylaxis 342, 2376, 2427, 2849, 3703, 4177, 5060
 reviews 2146, 3896, 4040, 4813
 Switzerland 1736
 transmission 2333
 UK 1740, 3045, 4794
 USA 2554, 2622, 2639, 2644, 3043, 4358
 mice
 diagnosis 3759
 experimental infections 4810
 immune response 2183
 immunotherapy 863
 rats 1043, 1062, 3052
 experimental infection 3053-3054
 host parasite relationships 110
 immunosuppression 1743
immunocytochemistry 1251, 4829
immunology 1064
lectins 729, 752
leukaemia, man, remission 4799
lipopeptide derivatives, *in vitro* 4636
macrophages
 host parasite relationships 3961
 in vitro 3961
man 3462
 diagnosis 936
 reviews 4259
 drug therapy 5059
 reviews 1924
Europe 584
eyes 3396
France 3397
immune response 3070, 3526
immunology 2632
Italy 1046
prognosis 2139
prophylaxis 345, 2363
reviews 581, 2650
transmission 584
treatment 3480
UK, epidemiology 3469
USA 94
mathematical models 2903
mice 2770
- Pneumocystis carinii** cont.
mice cont.
 experimental infection 3334
 resistance 3078
 treatment 2822
mitochondrial DNA 4980
nucleotide sequences 1475, 4980
parbendazole, *in vitro*, mode of action 4198
proteins 2769
pyrimethamine, *in vitro* 898
qinghaosu, *in vitro* 386
rats
 drug therapy 4636
 experimental infection 3335
 immune response 3526
 transmission 2804
reviews 4793
rheumatoid arthritis, man, methotrexate 2617-2618
RNA 2769
surface antigens 1780
taxonomy 1733, 3944
techniques
 characterization, lectins 4518
 infection
 mice 3334
 rats 3335
 isolation, flow cytometry 4238
 separation, dialysis 3748
 staining 2470, 2910, 2921, 3753, 4251, 4264, 5128, 5132
 thiabendazole, *in vitro*, mode of action 4198
 trimethoprim, *in vitro* 898
 trimetrexate, *in vitro* 898
 ultrastructure 110, 1062, 4829
 terminology 4830
 trophozoites 1614
- Pneumonia**
parasites, immunocompromised hosts, man 4362
Plasmodium falciparum, man 4362
- Pneumothorax**, *Pneumocystis carinii*, human immunodeficiency virus, man 2633, 3042
- Poecilia reticulata**, biological control, *Anopheles gambiae* 1245
- Poland**
Apolocystis herculea
 Aporrectodea caliginosa
 Lumbricus rubellus, new geographic records 3444
 Lumbricus terrestris, new geographic records 3444
 Octolasion lacteum, new geographic records 3444
Apolocystis lumbricoides, *Helodrilus antipae*, new host records 3444
Apolocystis minuta
 Lumbricus castaneus, new geographic records 3444
 Lumbricus terrestris, new geographic records 3444
Apolocystis pilosa, *Lumbricus rubellus*, new geographic records 3444
Apolocystis spinosa
 Allolobophora chlorotica, new geographic records 3444
 Eiseniella tetraedra
 new geographic records 3444
 new host records 3444
Apolocystis vivax, *Eiseniella tetraedra*, new geographic records 3444
Ciliophora, *Cyprinus carpio*, fish farms 3019
Cryptosporidium parvum, *Myocastor coypus*, new host records 2088
Eimeria, fowls 62
Monocystis hirsuta
 Lumbricus castaneus, new geographic records 3444
 Lumbricus terrestris, new geographic records 3444
Monocystis striata, *Lumbricus rubellus*, new geographic records 3444
Nematocystis elmassiani
 Aporrectodea caliginosa
 new geographic records 3444
 new host records 3444

Poland cont.

- Nematocystis magna*, *Lumbricus terrestris*, new geographic records 3444
- Nematocystis vermicularis*
Lumbricus rubellus, new geographic records 3444
- Lumbricus terrestris*, new geographic records 3444
- protozoa, goats 2572
- Rhabdocystis pilosa*, *Lumbricus rubellus*, new geographic records 3444
- Toxoplasma gondii*, man 1766
- Trichomonas anseris*, geese, new geographic records 2594
- Trypanosoma stefanski*, new species, *Capreolus capreolus* 2151
- Zygocystis cometa*
Alloolobophora caliginosa, new geographic records 3444
- Aporrectodea caliginosa*, new geographic records 3444
- Pollution**, furazolidone, marine sediments 1232
- Polyadenylation**, *Trypanosoma brucei* 4543
- Polyamines**
Acanthamoeba culbertsoni 4944
- Leishmania mexicana* 2422
- Plasmodium berghei*, mice 374
- Plasmodium falciparum*, in vitro 374
- Polycentropsis abbreviata**, *Myxobolus polycentropsi*, new species, Cameroon 1054
- Polyclonal antibodies**, *Plasmodium vivax* 3995
- Polyisobutylcyanoacrylate nanoparticles**
Entamoeba histolytica, in vitro 1990
- Leishmania major*, in vitro 1990
- Trichomonas vaginalis*, in vitro 1990
- Trypanosoma musculi*, in vitro 1990
- Polymerase chain reaction**
Acanthamoeba 4540
- antigens, *Plasmodium falciparum*, merozoites 1469
- Babesia* 4976
- Babesia bovis* 4267
- Entamoeba histolytica* 764, 1883
- Giardia duodenalis* 4975
- Leishmania* 3603
- Leishmania donovani* 4077
- Leishmania gerbilli* 4560
- Leishmania infantum chagasi* 1375
- Leishmania major* 4560
- Leishmania turanica* 4560
- parasites 1458
- Plasmodium* 3336
- Plasmodium berghei* 436
- Plasmodium falciparum* 436, 1463, 2472, 3600, 4688
- drug resistance 4533
- oocysts 1467
- Plasmodium vivax* 2472, 4447
- Sarcomastigophora* 1464
- Theileria* 4687
- Toxoplasma gondii* 441, 2003, 2476, 2917, 3340, 3344, 4263, 5130, 5137
- DNA 938
- Trypanosoma cruzi* 1375, 3177, 4250, 4965, 5129
- Trypanosoma rhodesiense* 1473
- Polymorphism**
Plasmodium vivax 617
- circumsporozoite protein 4091
- Polyoxins**, *Entamoeba invadens* 3714
- Polypeptides**
Cryptobia bullocki 2263
- Cryptobia catostomi* 2263
- Cryptobia salmositica* 2263
- Plasmodium falciparum* 222
- Sarcocystis* 3170
- Polysaccharides**, rumen protozoa 246
- Ponds**, *Naegleria fowleri*, India 5146
- Popillia japonica*, *Ovavesicula popilliae*, USA 201
- Population dynamics**
Nosema pyrausta, *Ostrinia nubilalis* 3654
- Nyctotherus cordiformis*, Anura, USA 545
- Opalina*, Anura, USA 545
- protozoa, man 72

Population genetics

- Plasmodium* 1352-1353
- protozoa 1351
- Pore-forming peptide**, *Entamoeba histolytica* 3151
- Portugal**
Cryptosporidium parvum, human immunodeficiency virus, man 2689
- Leishmania*, man 2044
- Leishmania donovani*, dogs 4443
- Leishmania infantum*, man, epidemiology 314
- Leishmania infantum infantum* dogs, epidemiology 791
- Phlebotomus ariasi*, transmission 314
- Perkinsus*, *Ruditapes decussatus* 590
- Trypanosoma theileri*, *Hyalomma marginatum* 1512
- Post kala azar dermal leishmaniasis**
Leishmania donovani 1371
- man, drug therapy 3689
- Potassium permanganate**, *Ichthyophthirius multifiliis* 2389
- Poultry** (see also fowls, ducks, geese, guineafowl, turkeys)
Apicomplexa 1714-1715
- coccidia, drug therapy 1920
- Cryptosporidium* 1712
- Eimeria* 1711
- Sarcomastigophora* 1713, 1715
- Trypanosoma* 1714
- Tyzzeria* 1711
- Wenyonella* 1711
- Poultry diseases**, books 1272
- Pracomys natalensis**
Plasmodium berghei drug therapy 1933
- host parasite relationships 2299
- pathogenesis 1133
- Prasterone**, *Cryptosporidium parvum*, rats 3678
- Prednisolone**, *Toxoplasma gondii*, cats 4441
- Prednisone**
Pneumocystis carinii human immunodeficiency virus, man 2844
- man 2369
- Pregnancy**
antimalarials, toxicity 2885
- chloroquine 1983
- hydroxychloroquine 1983
- infectious diseases, books 4287
- Leishmania*, Sudan 2932
- Plasmodium*, man 1123, 1928, 2227, 3828
- Plasmodium berghei*, mice 1414
- Plasmodium falciparum* 1677
- man 2038, 3228, 3830, 3832, 5002
- Zaire 2228
- prophylaxis 3246
- Plasmodium vivax*, man 4729
- Pneumocystis carinii*, human immunodeficiency virus 4802
- protozoa man, USA 2117
- reviews 2115
- Toxoplasma*, man 981
- Toxoplasma gondii* 185, 425, 3989, 4119, 4704
- control 2899
- guineapigs 1022
- immunodiagnosis 1097, 2193, 3998
- Italy 3797
- man 144, 1953, 2543, 2809, 2940, 3846, 3997, 4249, 4261, 5008
- diagnosis 2731
- mice 4457
- susceptibility 3985
- rats 1400
- screening 4001
- Stockholm 2947
- UK 2701
- Trichomonas vaginalis*, man 4727, 5005
- Trypanosoma*, cattle 2307
- Prenatal diagnosis**
Toxoplasma gondii 3989
- man 4249
- Presbytis cristata**
Toxoplasma gondii immunodiagnosis 2049
- Malaysia 2049

Presbytis entellus

- Leishmania donovani* experimental infection 4736
- haematology 1686
- Prevalence**
discussion 1994
- Plasmodium*, man 2504
- Prevention**
Toxoplasma gondii, man, transmission 4119
- Trypanosoma*, man, Zaire 2344
- Primaquine**
analogues, *Plasmodium yoelii*, mice 3248
- chemistry 1224
- Leishmania infantum infantum*, in vitro 4195
- Macaca mulatta*, pharmacokinetics 3726
- man, pharmacokinetics 2871, 2888
- mefloquine, interactions, in vitro 3300
- mode of action 1235, 3298
- in vitro 1588
- pharmacokinetics 2871, 2888, 3298, 3726
- Plasmodium* 1976
- Plasmodium berghei*, mice 3684
- Plasmodium cynomolgi*, *Macaca mulatta* 5041
- Plasmodium falciparum* in vitro 1235
- man 2871, 3700
- Plasmodium yoelii*, mice 3701
- Pneumocystis carinii*, human immunodeficiency virus, man 3270
- toxicity, man 4215
- Primary health care**, *Trypanosoma*, man, Zaire 2344
- Primates**
Cryptosporidium 4735
- reviews 562
- Plasmodium*, relapse, reviews 4700
- Plasmodium brasilianum*, Brazil, epidemiology 3398
- protozoa, China, zoological gardens 991
- Prionochilus percussus**, *Haemoproteus dicaeus*, new species, Malaysia 98
- Prochlorperazine**, *Plasmodium falciparum*, in vitro 3720
- Procyon lotor**
Cryptosporidium, reviews 562
- Sarcocystis* distemper virus, USA 2614
- pathology 1421, 3000
- USA 47
- Toxoplasma gondii* USA 4104
- prevalence 3431
- Trypanosoma cruzi*, USA 4756
- Productivity**, trypanotolerance, n'dama, Zaire 2057
- Proechimys iheringi**, *Trypanosoma evansi*, diagnosis 2471
- Profitability**, ruminants 1040
- Prognosis**
Cryptosporidium, human immunodeficiency virus, man 4796
- Pneumocystis carinii* human immunodeficiency virus, man 424, 3044
- man 2139
- Trypanosoma cruzi*, man 442
- Proguanil**
man immune response 1981
- pharmacokinetics 887
- pharmacokinetics 887
- Plasmodium*, man 341, 1981, 2383, 3721, 3737
- Plasmodium falciparum* 1550
- man 354, 866, 3691, 3706, 4629, 5049, 5082
- Plasmodium yoelii*, in vitro 2410
- toxicity man 3737
- psoriasis 3721
- Proliferative kidney disease**, Salmonidae 4777
- Proline**, *Leishmania donovani*, uptake, amastigotes 3573
- Prophylaxis**
Cryptosporidium parvum, hamsters 5047
- Eimeria* cattle, cost benefit analysis 1322

Prophylaxis cont.*Eimeria* cont.

- fowls 1958, 2818
- partridges 4626
- rabbits 3278
- sheep 1945
- turkeys 1198

Eimeria legionensis, partridges 1192*Eimeria tenella*, fowls 346, 4152*Leishmania donovani*, mice 1929

man 1952

Plasmodium

- immunocompromised hosts, man 1947

- man 12, 334, 341, 843, 1274, 1601, 1926, 1928, 1930, 1981, 1983, 2370, 2813, 2828, 2885, 3271, 3313, 3704, 3737, 3831, 4231, 4616, 4630

Africa 2383

psoriasis 3721

reviews 1927, 2371

Plasmodium berghei, mice 1934*Plasmodium cynomolgi*, *Macaca mulatta* 868*Plasmodium falciparum* 1952

- man 354, 376, 866, 1172, 1550, 1582, 1597, 1954-1956, 2836, 3246, 3264-3265, 3706, 4156, 4224, 4230, 4301, 4629, 5049, 5051, 5063, 5069

Africa 3691, 5055

Gambia 1549

immune response 343

reviews 1942

Zimbabwe 4175

Plasmodium ovale, man 867*Plasmodium vivax* 1952

man 4301

congenital infection 4729

Plasmodium yoelii, mice 3701, 4622*Pneumocystis carinii*

human immunodeficiency virus

- man 325, 1542, 1747, 1931, 2365, 2368, 2620, 2637, 2826, 2831, 2840-2841, 2843, 2846, 2887, 2915, 3042, 3247, 3259-3260, 3460, 3692, 3697, 3929, 4155, 4157, 4160, 4166, 4170, 4800-4801, 5043, 5057, 5065, 5067-5068

reviews 2640, 3050, 3685, 5152

immunocompromised hosts, man 342,

2376, 2427, 2849, 3703, 4177, 5060

man 345, 2363

protozoa, human immunodeficiency

virus, man, reviews 1921

Theileria annulata, cattle 3707, 4180*Toxoplasma gondii*

human immunodeficiency virus, man

2136, 2829, 3260, 4155, 4800-

4801, 5065

immunocompromised hosts, man

4811

man, reviews 1943

Trichomonas vaginalis, mice 4982*Trypanosoma*

cattle 857

goats 2356

n'dama 2855

zebu 856

Trypanosoma brucei, rabbits 855*Trypanosoma congolense* 2055

rabbits 855

zebu 2361

Trypanosoma evansi

camels 2303

cattle 2972

Trypanosoma vivax 2055

cattle 878

zebu 1946

Propranolol, *Giardia duodenalis*, man 4176**Protein absorption**, *Giardia*, man 1796**Protein secretion**, *Plasmodium falciparum*,*in vitro* 4516**Protein synthesis***Naegleria fowleri* 736*Plasmodium falciparum* 1461**Protein synthesis cont.***Plasmodium falciparum* cont.*in vitro* 4516**Protein transport**, *Giardia duodenalis* 731**Proteinases***Leishmania infantum chagasi* 2276*Trichomonas vaginalis* 2184*Tritrichomonas foetus*, host parasite relationships 3644**Proteins***Acanthamoeba* 1450*Acanthamoeba castellanii* 1140, 2260*Babesia* 1474*Eimeria*, characterization 4425*Eimeria tenella* 1145, 3143*Entamoeba histolytica* 1872, 3151*Giardia duodenalis* 1466, 1848, 3519, 4547*Leishmania* 4088*Leishmania donovani* 2301*Leishmania infantum infantum* 4054*Leishmania major* 4054*Plasmodium* 1167, 4100*Plasmodium falciparum* 235-236, 266,

280, 733, 1853, 1880, 3587

Plasmodium vivax, merozoites 4086,

4953

Plasmodium yoelii, merozoites 4546*Pneumocystis carinii* 2769*Theileria* 4505*Toxoplasma gondii* 232, 1487, 1892*Trypanosoma brucei* 2252, 2466, 4070,

4406, 4523, 4525, 4970

Trypanosoma congolense 4406*Trypanosoma cruzi* 605, 3161, 4405

amastigotes 2749

epimastigotes 2749

Trypanosoma gambiense 4406**Proteinuria**, *Leishmania donovani*, man

3556

Proteolysis, *Trypanosoma brucei* 4528**Protozoans**

DNA 1876

karyotypes 1876

Proterorhinus marmoratus*Ceratomyxa hungarica*, new species,

Hungary 4823

Chloromyxum proterorhini, new species,

Hungary 4823

Protoopalina australis*Litoria inermis*, Australia 600*Litoria nasuta*, Australia 600

ultrastructure 600

Prototapirella gorillae, new species, gorillas,

Gabon 2660

Protozelleriella, taxonomy, Ciliophora, new

species 107

Protozelleriella devilliersi, new genus, newspecies, *Capensibufo rosei*, South

Africa 107

Protozoa*Alburnus albonellae*, Italy 1031

aquarium fishes, Turkey 2099

aquatic invertebrates

host parasite relationships, reviews

1490

pathogenicity, reviews 1490

aquatic organisms, acclimatization, trans-

mission, reviews 4597

bacteria, man, interactions 2553

biotechnology 273

birds

Papua New Guinea, sexual selection

2780

reviews 567

Blattaria, transmission 1178*Capreolus capreolus*, Italy 1001*Carassius carassius*, UK 554

cats, Brazil, reviews 1318

cattle

UK, control 3242

Zimbabwe, control 4618

clones 4824

control, general account 2348

Cryptocercidae 4781

Cyprinus carpio, Germany 2101

detection, faeces 411

dogs

Brazil, reviews 1318

zoonoses, reviews 1915

Protozoa cont.

domestic animals

Brazil, checklists 3945

Canada, checklists 4274

India 3449

evolution 3951, 4067, 4832

reviews 4395

fishes 568

acclimatization, transmission, reviews

4597

control, reviews 3454

discussion 566

epidemiology 565

reviews 2095, 3455

game animals, Czechoslovakia 1724

game birds, Czechoslovakia 1029

general account 1263

goats, Poland 2572

grasshoppers, biological control 3448

hormones, reviews 1163

horses, diagnosis 2006

host parasite relationships 293-297, 1483,

3643

reviews 4395

human immunodeficiency virus

man 3478, 4288

data processing 415

reviews 3912

immune response, reviews 1777

immunocompromised hosts, man, reviews

3916

immunology 4710

inhibition, magnetic field 918

Lamprolornis purpureus, Austria 4769

life history 294

livestock

Africa 2111

Brazil

checklists 3945

reviews 1318

Canada, checklists 4274

Czechoslovakia 1724

Germany, history 3771

immunity, reviews 1809

immunology, reviews 4353

immunopathology, reviews 4714

molecular genetics, reviews 2603

locomotion 3769

locusts, biological control 3448

mammals, Canada, checklists 4277

man

Africa, epidemiology 3825

Canada 411

China, control 4130

control 1993, 2347

diagnosis 1258, 2004, 2474-2475

direct wet mounts 2900

faeces 4692

reviews 4691

drug therapy, reviews 1924, 1938

ecology 72

Ecuador 1683

Germany, history 3771

history 6

host parasite relationships 1166

reviews 3639

immune response, reviews 4012

immunity, reviews 4012

immunization 1412

immunodiagnosis, reviews 1088

immunology 112

Japan 979

Korea Republic, epidemiology 30

Lao 2535

molecular genetics, reviews 2603

pathology, mental ability 4478

population dynamics 72

reviews 26, 2115, 2553

Saudi Arabia 969

South Africa 4478

susceptibility 1166

transmission, nosocomial infections

4614

Tunisia 3812

USA 2117

USSR 1679, 2960

status report 2957-2958

water, disinfection 404

marine fishes 564

Barents Sea 1509

Protozoa cont.

- marine mammals, Canada, checklists 4275
 - metabolism 223
 - molecular genetics 1148, 1758, 4710
 - reviews 2759
 - monoclonal antibodies, reviews 3529
 - neurotransmitters, reviews 1163
 - nitrogen oxides, reviews 123
 - nucleotide sequences 740
 - pathology 198
 - phylogeny 1758, 4067
 - pigs, UK, control 3242
 - plant parasitic nematodes, biological control 2501
 - population genetics 1351
 - primates, China, zoological gardens 991
 - rabbits
 - reviews 567
 - digestive system diseases 57
 - Rattus exulans*, New Zealand, biogeography 1020
 - reptiles 568
 - rodents, reviews 567
 - Rutilus rutilus*, Czechoslovakia 2098
 - Salmo*, fish farms, Barents Sea 1509
 - sheep, UK, control 3242
 - shellfish 564
 - discussion 566
 - epidemiology 565
 - speciation 4397
 - Tabanidae, transmission, reviews 3211
 - taxonomy
 - ecology, reviews 4825
 - reviews 4377
 - techniques
 - microscopy 1623
 - staining 1623
 - faeces 4244
 - Theragra chalcogramma* 552
 - viruses, interactions 1730
 - water, UK, transmission 2337
 - wild animals
 - Brazil, checklists 3945
 - Germany, history 3771
 - host parasite relationships 4583
 - India 3450
 - zoonoses 5035
- Protozoology**
- conferences, Brazil 3366
 - USSR, reviews 3033
- Psetta maeotica*, Myxidium cochleatum, new species, Black Sea 1347
- Pseudomicrothorax dubius*, techniques, isolation 4671
- Pseudomonas aeruginosa*, *Trichomonas vaginalis*, interactions, *in vitro* 85
- Pseudopleuronectes americanus*, *Trypanosoma murmanensis*, pathology 1828
- Pseustes sulphureus*, *Caryospora pseustesi*, new species, Brazil 4373
- Psittacidae**
- Sarcocystis falcatula* USA
 - aviaries 4337
 - epidemiology 4337
- Psittaciformes**
- Cryptosporidium*, immunocompromised hosts, USA 3015
 - Sarcocystis falcatula*, USA, zoological gardens 3433
- Psoriasis**
- chloroquine 3721
 - proguanil 3721
- Psychodopygus squamiventris*, *Leishmania naiffi*, Brazil 4333
- Pterophyllum scalare*
- Henneguya*, mortality 1717
 - Ichthyophthirius multifiliis*, mortality 1717
- Ptychoplera paludosa*, *Janacekia adipophila*, new species, Sweden 4375
- Ptyodactylus hasselquistii*, *Haemoproteus ptyodactyli*, new species, Jordan 2654
- Public health**, agriculture, vector control 398
- Puerto Rico**
- Cryptosporidium*
 - drinking water 4118
 - sewage 4118
 - water 4118

Puerto Rico cont.

- Giardia*
 - drinking water 4118
 - sewage 4118
 - water 4118
- Pulicispora xenopsyllae*, new genus, new species, *Xenopsylla skrjabini*, USSR 1346
- Pulse field gel electrophoresis**, *Trypanosoma evansi* 2282
- Pungitius pungitius*, *Sphaerospora elegans*, France 3949
- Puntius gonionotus**
- Piscinoodinium*, treatment 328
 - Piscinoodinium pillulare*, Malaysia 66
- Purines**
- analogues
 - Leishmania*, reviews 4649
 - Trypanosoma cruzi*, reviews 4649
- Puromycin**, *Leishmania* 2397
- Pycnonotus jocosus**
- Plasmodium dissanaikei*, China 2586
 - Plasmodium lophurae*, experimental infections 2662
- Pycnonotus leucogenys**
- Isoospora gaiifensis*, new species, Saudi Arabia 3481
 - Isoospora hafoufenensis*, new species, Saudi Arabia 3481
 - Isoospora khobarensis*, new species, Saudi Arabia 3481
- Pyrimethamine**
- drug residues, plasma 373
 - Eimeria*, turkeys 1561
 - HPLC 373
 - man, pharmacokinetics 2871, 4208
 - mice, pharmacokinetics 4141
 - Neospora caninum*, dogs 2390
 - pharmacokinetics 2871, 4141, 4208
 - Plasmodium* 1976
 - man 2383
 - Plasmodium chabaudi*, drug resistance 2862
 - Plasmodium falciparum*
 - drug resistance 875, 1567, 3607, 4541
 - in vitro* 353
 - Malawi, drug resistance 5079
 - man 1549, 1924, 2871, 3251
 - Mozambique, drug resistance 5079
 - South Africa, drug resistance 5079
 - Plasmodium yoelii*, *in vitro* 2410
 - Pneumocystis carinii*
 - in vitro* 898
 - man 4155
 - protozoa, man 1924
 - Sarcocystis neurona* 3280
 - sulfadiazine, *Toxoplasma gondii*, man 4158
 - toxicity, man, treatment, folic acid 4217
- Toxoplasma gondii*
- human immunodeficiency virus, man 576-577, 1949, 4625
 - man 4155, 4208
 - mice 338, 4141
- Pyrimethamine clindamycin**, *Toxoplasma gondii*, man 3263
- Pyrimethamine sulfadiazine**, *Toxoplasma gondii*, man 3263, 4161
- Pyrimethamine sulfadoxine**
- man, pharmacokinetics 1582
 - pharmacokinetics 1582
 - pregnancy 1953
- Plasmodium falciparum*
- Africa, drug resistance 4185
 - Brazil, drug resistance 3695
 - in vitro* 1964
 - Indonesia, drug resistance 1221
 - Kenya, drug resistance 354
 - man 344, 1222, 1540, 1582, 2819, 3266, 3686, 3688, 4138, 5039, 5063, 5075, 5082
- Pneumocystis carinii*
- immunocompromised hosts, man 4177
 - man 345
 - toxicity, man 4215
- Toxoplasma gondii*
- human immunodeficiency virus, man 577

Pyrimethamine sulfadoxine cont.

- Toxoplasma gondii* cont.
 - man 1953, 2040, 4161
- Pyrimethamine sulfadoxine mefloquine**
- Plasmodium falciparum*
 - man 2871
 - Thailand, drug resistance 3690
- Pyrimethamine sulfolene**, *Plasmodium falciparum*, man 3681, 3686
- Pyrimethamine sulfamethoxydiazine**, *Toxoplasma gondii*, human immunodeficiency virus, man 576
- Pyrimidines**
- Leishmania donovani*, hamsters 3729
 - mode of action 4197
 - Plasmodium falciparum*, *in vitro*, mode of action 4197
 - synthesis 3729
- Pyronaridine**
- Plasmodium* 1976
 - man 5045
 - Plasmodium falciparum*
 - drug resistance 1965
 - in vitro* 1965
 - sulfadoxine, pyrimethamine, *Plasmodium falciparum*, man 5106
 - toxicity
 - mice 1976
 - rats 1976
- Qinghaosu**
- mammals, pharmacokinetics 381
 - mode of action 1589, 3291
 - pharmacokinetics 381
 - Plasmodium berghei*, mice 1934
 - Plasmodium falciparum*
 - in vitro* 353
 - man 1200, 1942
 - mode of action 1589
 - Pneumocystis carinii*, *in vitro* 386
 - production 1578
 - purity 371
 - reviews 1978
 - suppositories 1200
- Quails**, *Cryptosporidium*, reviews 540
- Quantitative buffy coat test**
- Plasmodium* 4693
 - Plasmodium falciparum* 1629
- Quinacrine**
- Giardia duodenalis*, *in vitro* 1591
 - man, pharmacokinetics 1977
 - pharmacokinetics 1977
 - rabbits, pharmacokinetics 1977
 - toxicity, fowls 5100
- Quinapyramine**
- Trypanosoma evansi*
 - buffaloes 712, 1125, 3272
 - camels 2303
 - cattle 2972
 - Trypanosoma vivax*
 - in vitro* 892
 - Kenya, drug resistance 878
 - Somalia, drug resistance 878
- Quinapyramine sulfate**
- Trypanosoma equiperdum*
 - drug resistance 2396
 - in vitro* 2396
 - mice 2396
 - Trypanosoma evansi*
 - drug resistance 2396
 - in vitro* 2396
 - mice 2396
- Quinidine**
- antibodies 4206
 - man, pharmacokinetics 4196
 - pharmacokinetics 3295, 4196, 4654
 - Plasmodium*, man 341
 - Plasmodium berghei*, rats 4654
 - Plasmodium falciparum*
 - in vitro* 5080
 - man 2367, 3379, 3688, 4196, 5052
 - rats, pharmacokinetics 3295, 4654
 - techniques, chromatography 4678
- Quinine** 3695
- antibodies 4206
 - chloroquine, drug antagonism 3261
 - dosage 1599
 - history 885
 - human cell lines 3718
 - man, pharmacokinetics 383, 2409, 3722-3723, 4196, 5092, 5097
 - mefloquine, interactions, *in vitro* 3300

- Quinine** *cont.*
 mode of action 379
 pharmacokinetics 383, 2409, 3295, 3722-3723, 4196, 4654, 5092, 5097
- Plasmodium**
 children 1555
 history 4172
 man 341, 5054
- Plasmodium berghei**, rats 4654
- Plasmodium falciparum** 1568
 Africa, drug resistance 4185
 Cameroon, drug resistance 3281
 Congo, drug resistance 3713
 drug resistance 4174
in vitro 1964, 3681, 5080
 mode of action 379
 man 344, 1200, 1205, 1540, 1554, 2408, 2827, 3249, 3261, 3389, 3688, 3702, 3832, 4138, 4196, 5039, 5052-5053, 5063, 5080, 5097
 quantification 407
 rats, pharmacokinetics 3295, 4654
 toxicity
 man 2120, 2408, 2417, 2434, 4213
 mice 3728
 treatment
 aminooxyacetic acid 5086
 baclofen 5086
 bicuculline 5086
 diaminobutyric acid 5086
 diazepam 5086
 muscimol 5086
 phenobarbitone 5086
 rats 3728
- Quinones**, *Plasmodium*, *in vitro* 382
- Quinuronium sulfate**
Babesia bigemina, *in vitro*, testing 3330
Babesia bovis, *in vitro*, testing 3330
- Rabbits** (*see* named genera for infections in the wild)
Acanthamoeba castellanii
 disease models 4764
 drug therapy 4763
 coccidia, India, zoological gardens 3428
- Cryptosporidium**
 Cuba 4331
 reviews 562
- Eimeria** 1024
 Brazil 56
 drug therapy 4159
 Malaysia 4330
 Nigeria 1025
 pathology 534
 prophylaxis 3278
- Eimeria coecicola**, life history 443
- Eimeria stiedai**
 Malaysia 2580, 4330
 Pakistan 3878
 Taiwan 3006
- Encephalitozoon cuniculi**
 Belgium 2583
 Egypt 4451
 experimental infections 527
 immunodiagnosis 4451
 laboratory animals 3001
 Singapore 530
- Entamoeba**, pathogenesis 4046
- Entamoeba histolytica**, pathology 3122
- Hammondia hammondi**, immunodiagnosis 4437
- Isospora ohioensis**, experimental infections 4121
- Plasmodium falciparum**, immunization 3080, 4896
- protozoa
 reviews 567
 digestive system diseases 57
- quinacrine, pharmacokinetics 1977
- Sarcocystis fusiformis**, immunodiagnosis 3103
- Toxoplasma**, transmission 3426
- Toxoplasma gondii**
 Egypt 4451
 immune response 3090
 immunodiagnosis 2205, 3090, 4437, 4451
 transmission 3226
- Trypanosoma brucei**
 drug therapy 855, 2845
 pathology 703
- Trypanosoma brucei** *cont.*
 prophylaxis 855
- Trypanosoma congolense**
 drug therapy 855
 prophylaxis 855
 variant surface glycoproteins 633
- Trypanosoma cruzi**, immunodiagnosis 4000
- Trypanosoma evansi**
 development 1631
 immunopathology 3555
 pathology 3555
 transmission 2803
- Trypanosoma gambiense**, haematology 1841
- Radanil** (*see* benznidazole)
- Radiography**, *Pneumocystis carinii*, human immunodeficiency virus, man 4791
- Radioimmunoassay**, *Plasmodium falciparum* 161
- Radiology**, *Pneumocystis carinii* 2130
- Raiamas**, *Myxobolus* sp. 4, Cameroon 1054
- Rainbow trout**
Ceratomyxa shasta
 resistance 4881
 susceptibility 2097
- Cryptobia salmositica**
 drug therapy 1590
 pathology 4488
- Ichthyophthirius multifiliis**, host-seeking behaviour 4094
- Myxobolus cerebralis**
 drug therapy 1548, 2388
 immune response 2192
- Myxozoa**
 Canada 4345
 pathology 2232
- Paramoeba**, Australia 549
- PKX**, pathology 2232
- toxicity, malachite green 2440
- Trypanosoma catostomi**, susceptibility 5024
- Rana catesbeiana**
Trypanosoma pipientis 5022
- Trypanosoma ranarum**
 Canada 4557
 USA 4557
- Trypanosoma rotatorium**, Canada 4557
- Rana clamitans**, *Trypanosoma rotatorium*, USA 4557
- Rana tigrina**
Trypanosoma karyozoukton, India, new host records 1315
- Trypanosoma mega**, India, new geographic records 1315
- Rats** (*see* named genera for infections in the wild)
Acanthamoeba, disease models 4765
- Acanthamoeba polyphaga**, immune response 2693
- amodiaquine, pharmacokinetics 366, 2878
- benznidazole, pharmacokinetics 1586
- coccidia, control 3326
- Cryptosporidium** 529
 diarrhoea 3010
 experimental infections 3004
 immunocompromised hosts 3052
 haematology 1065
- Cryptosporidium parvum**, immunocompromised hosts, drug therapy 846, 3678
- Eimeria**, pathology 4490
- Eimeria nieschulzi**, *Nippostrongylus brasiliensis*, immune response 2612
- Entamoeba histolytica**
 pathogenesis 3131
 virulence 1407
- Giardia duodenalis**, New Zealand 3877
- Giardia muris**
 immune response 4484
 pathology 4484
- metronidazole, intestinal microorganisms 4207
- nifurtimox, pharmacokinetics 1586
- pentamidine, pharmacokinetics 2873
- Plasmodium berghei**
 drug therapy 4654
 immunopathology 190
 pathology 2726, 4486
- Plasmodium falciparum**, immunization 1101
- Plasmodium yoelii**, susceptibility 3429
- Pneumocystis carinii** 4238
 drug therapy 4636
 experimental infection 3335
 immune response 3526
 immunocompromised hosts 1043, 1062, 3052
 experimental infection 3053-3054
 host parasite relationships 110
 immunosuppression 1743
 transmission 2804
- quinidine, pharmacokinetics 3295, 4654
- quinine, pharmacokinetics 3295, 4654
- toxicity
 chloroquine 3719, 4658, 5095
 isometamidium 2405
 mebendazole 2895
 mefloquine 900
 pentamidine 2418
 pyronaridine 1976
 quinine 3728
- Toxoplasma gondii**
 immunity 1400
 pathogenicity 4047
 transmission 1400
 USA 4104
- Trypanosoma brucei**
 immune response 116
 nonspecific immunostimulation 1109
 pathology 703
- Trypanosoma congolense**, drug therapy 858
- Trypanosoma cruzi**, immune response 2680
- Trypanosoma lewisi**
 drug therapy, immunity 4137
 immune response 625
 immunity, antiprotozoal agents 4137
 immunization 1103
 immunological deficiency 1103
- Rattus**, *Toxoplasma gondii*, China 2579
- Rattus exulans**
 parasites, checklists 1019
 protozoa, New Zealand, biogeography 1020
- Rattus norvegicus**
Cryptosporidium
 Egypt 4762
 Japan 3004
 Korea Republic 3894
- Entamoeba histolytica**, Egypt 4762
- Giardia duodenalis**, Egypt 4762
- Rattus rattus**
Cryptosporidium
 Egypt 4762
 Japan 3004
 Korea Republic 3894
- Entamoeba histolytica**, Egypt 4762
- Giardia duodenalis**, Egypt 4762
- Leishmania braziliensis** 1531
- Reactive nitrogen intermediaries**, *Plasmodium falciparum* 1364
- Reactive oxygen**
Plasmodium berghei 3136
Toxoplasma gondii 1382
Trypanosoma brucei 1363
Trypanosoma cruzi 1363
- Recombinant antigens**
Leishmania aethiopica 3079
Trypanosoma cruzi 3069, 4445
- Recombinant DNA**
Leishmania infantum infantum 1877
Trypanosoma cruzi, man 3096
- Recombinant proteins**
Entamoeba histolytica 3097
Plasmodium falciparum 3958
Toxoplasma gondii 4866
- Recombinant vaccines**
Babesia bovis 4461-4462
Eimeria acervulina 1105
Plasmodium 4898
Plasmodium berghei 178, 3076
Plasmodium falciparum 179, 184, 671, 1410, 1818, 3552, 4021, 4029, 4890
 merozoites 4896
Plasmodium vivax 189, 677, 1108, 3554
Theileria parva, *Theileria annulata* 1413
- Recombination**
Leishmania enriettii 3165

Recombination cont.*Plasmodium falciparum* 3600**Red Sea***Cryptobia eilatitica*, new species, *Sparus aurata* 585*Zschokkella icterica*, new species, *Siganus luridus* 2659**Redunca redunca**, *Trypanosoma*, Burkina Faso 1699**Regina septemvittata**, *Eimeria septemvittata*, new species, USA 1335**Reindeer***Babesia divergens*, Sweden, reviews 2974*Besnoitia*, Canada 2308*Eimeria*, Finland 2971*Megatrypanum*, Sweden, reviews 2974**Reinhardtius hippoglossoides***Ceratomyxa drepanopsettae*

Atlantic Ocean 4342

Pacific Ocean 4342

Myxidium incurvatum

Atlantic Ocean 4342

Pacific Ocean 4342

Ortholinea divergens

Atlantic Ocean 4342

Pacific Ocean 4342

Paramyxoproteus reinhardtii

Atlantic Ocean, new host records 4342

Pacific Ocean, new host records 4342

Reithrodontomys*Eimeria*, experimental infections 4821*Eimeria arizonensis*, USA, new host records 4821**Relapse***Plasmodium*

man, reviews 4700

primates, reviews 4700

reviews 783

Remission, *Pneumocystis carinii*, leukaemia, man 4799**Remote sensing***Plasmodium* 1249

vector-borne diseases 1249

Renal failure*Plasmodium falciparum* 2503, 2725

man 1127

Repellents, *Anopheles stephensi* 1608**Repetitive DNA***Entamoeba histolytica* 3606, 4947*Plasmodium vivax* 4091*Toxoplasma gondii* 4068*Trypanosoma cruzi* 3610, 4538**Reports**

Belgium, Institut de Médecine Tropicale

Prince Léopold 4706-4707

Canada, McGill Institute of Parasitology

3361

Ghana, Noguchi Memorial Institute for

Medical Research 5149, 5155

Hungary, Hungarian Society of

Parasitologists 3773-3774

International Laboratory for Research on

Animal Diseases 3364

Kenya, International Laboratory for

Research on Animal Diseases 3362-

3363

Madagascar, Institut Pasteur de Madagas-

car 2018

malaria

Malaysia 2490

Thailand, monitoring 2926

Malaysia, Institute for Medical Research

5153-5154

UK

Centre for Tropical Veterinary

Medicine 2489

London School of Hygiene and Trop-

ical Medicine 4283-4284

Tsetse Research Laboratory 4279-

4282

USA, US Department of Health and

Human Services 5152

WHO 2491

Reproduction, *Eimeria coecicola* 443**Reptiles***Cryptosporidium*, reviews 563

protozoa 568

Research*Cryptosporidium parvum* 3359**Research cont.***Eimeria tenella* 3359

parasitology, Australia 2015

Reservoir hosts*Theileria* 837*Trypanosoma gambiense* 793, 1530*Trypanosoma rhodesiense* 793*Trypanosoma* (*Trypanozoon*), Zambia

5006

Resistance*Ceratomyxa shasta*, rainbow trout 4881*Eimeria tenella*, fowls 2207*Giardia duodenalis*, milk 1813*Giardia muris*, mice 4493*Haplosporidium nelsoni*, *Crassostrea**virginica* 175*Ichthyophthirius multifiliis**Ameca splendens* 2712*Ilyodon xantusi* 2712*Xiphophorus maculatus* 2712*Xiphophorus variatus* 2712*Leishmania*, mice, reviews 170*Leishmania amazonensis*, mice 1405,

2716

Leishmania major, mice 1406*Leishmania mexicana*, mice 2709*Leucocytozoon caulleryi*, fowls 4454

parasites, sheep 176

Plasmodium

man 3501

South East Asia 3195

Plasmodium berghei, mice 289*Plasmodium chabaudi*, mice 289, 2710*Plasmodium falciparum*

man 1403, 1682, 2711

Gambia 3544

Plasmodium vivax, man 2711*Plasmodium yoelii*, mice 631, 2211*Pneumocystis carinii*, mice 3078*Theileria parva*

cattle, Rwanda 3105

zebu, Rwanda 3105

Toxoplasma gondii, mice 1398, 1401,

3539, 4004, 4014, 4016

Trypanosoma

Bovidae 4887

buffaloes 4887

cattle, genetic polymorphism 2209

Glossina morsitans 1904

goats 4458

man, serum 662

n'dama, genetic polymorphism 2209

Papio, serum 662

zebu, genetic polymorphism 2209

Trypanosoma brucei, serum 1812*Trypanosoma congolense*

boran 664

mice 3108

n'dama 664

*Trypanosoma cruzi**Didelphis marsupialis* 173

mice 174, 1811, 2708, 3106, 3542,

4002

Trypanosoma lewisi, rats 625*Trypanosoma musculi*, mice 625*Trypanosoma vivax*, zebu 2210**Resistance mechanisms**antimony, *Leishmania* 2397arsenicals, *Leishmania* 2397

chloroquine

Plasmodium berghei 882*Plasmodium chabaudi* 2862*Plasmodium falciparum* 272, 350-

351, 874-875, 882, 1219, 1465,

2395, 2880, 4186, 4533, 4643

cycloguanil, *Plasmodium falciparum* 875desethylchloroquine, *Plasmodium**falciparum* 4643diminazene, *Trypanosoma brucei* 881

isometamidium 358

Trypanosoma brucei 881*Trypanosoma congolense* 5089

pyrimethamine

Plasmodium chabaudi 2862*Plasmodium falciparum* 875, 1567,

3607, 4541

sodium stibogluconate

Leishmania enrietti 882*Leishmania panamensis* 882sulfadiazine, *Toxoplasma gondii* 3711**Respiration**, *Acanthamoeba castellanii* 1447**Respiratory burst**, *Trypanosoma cruzi* 2688**Respiratory chain**, *Trypanosoma cruzi* 4926**Restriction endonucleases***Trypanosoma cruzi* 4556*Trypanosoma rangeli* 4556**Restriction fragment length polymorphism***Acanthamoeba castellanii*, mitochondrial

DNA 763

Acanthamoeba polyphaga, mitochondrial

DNA 763

Entamoeba histolytica 4554*Leishmania* 258*Leishmania major* 1453*Naegleria fowleri* 4955-4956*Plasmodium falciparum* 1462, 3613*Theileria sergenti* 1873*Toxoplasma gondii* 251**Reticulocytes***Plasmodium chabaudi* 3540receptors, *Plasmodium berghei* 646**Reticulocytosis**, *Trypanosoma vivax*, sheep

4907

Retinoids*Leishmania infantum infantum*, in vitro,

mode of action 2872

mode of action 2872

Retinol*Giardia duodenalis*, man 3560*Plasmodium*, man 1126**Retinopathy**, *Plasmodium falciparum*, man

3121

Retortomonas hominis, man 976**Retrogenes**, *Trypanosoma cruzi* 3617**Retrotransposons**, *Trypanosomatidae* 1478**Retroviridae**, *Cryptosporidium parvum* 580**Reunion***Plasmodium*, man, epidemiology, reviews

1503

Plasmodium falciparum, man, control

4132

Reuterin

mode of action 4202

Trypanosoma brucei, in vitro, mode of

action 4202

Reviews*Acanthamoeba* 1319

man 1320, 1726-1727, 1834, 2608,

4272

diagnosis 4271

histopathology 4271

Anopheles

control 2897, 3743

South East Asia 311

antimalarials 341

toxicity, man 2885

antiprotozoal agents 3724

Apicomplexa, mammals, host parasite

relationships 4997

Babesia

cattle, Papua New Guinea 4320

Equidae 2074

man, control 323

Babesia bigemina, cattle, control 1539*Babesia bovis*, cattle, control 1539*Babesia divergens*, reindeer, Sweden

2974

Blastocystis hominis

man 3031, 3395

drug therapy 3836

pathology 3836

ciliates, ecology, evolution 4836

classification, protozoa 2661

coccidia

fishes 3455

man 2122

sheep 1725

Cryptosporidium 2124

animals 569

epidemiology 303

birds 540

cats 562

cattle 2063, 4318

culture techniques 925

dogs 562

ferrets 562

fishes 563

horses 486

human immunodeficiency virus, man

3452, 3795

man 10, 19, 81, 83, 469, 569, 3395,

3899

Reviews cont.

Cryptosporidium cont.

man cont.

diarrhoea 80
epidemiology 304
immunology 4492
pathogenesis 4492
transmission 1910
tropics, epidemiology 464

opossums 562

pigs 486

primates 562

Procyon lotor 562

rabbits 562

reptiles 563

ruminants 485

control 1771

diagnosis 1771

immune response 1771

techniques 925

ultrastructure 599

water, transmission 830

Cryptosporidium parvum, human immu-

nodeficiency virus, man, USA 3914

dams, vector-borne diseases 398

diseases, mynahs 544

DNA probes, protozoa 2004

Eimeria bareillyi, buffaloes, Thailand 38

Encephalitozoon hellem, human immu-
nodeficiency virus, man 3038

Entamoeba

man

diagnosis 4254

immunodiagnosis 4254

Entamoeba histolytica

immune response 1777

immunology 113

lectins 2758

man 79, 2122, 3029-3030, 3897

Cameroon 3394

diarrhoea 80

plasma membranes 2259

Enterocytozoon bienersi, human immu-

nodeficiency virus, man 3038

evolution, parasites, hosts 4392

free living amoebae, *Legionella*
pneumophila, interactions 3035

Giardia

man 4350

diagnosis 4253

immunodiagnosis 4253

Giardia duodenalis

man 2122, 3395

diarrhoea 80

epidemiology 2797

immunology 4400

pathogenesis 217, 2797

halofantrine 2381, 5088

Hepatozoon canis, dogs 1018

irrigation, vector-borne diseases 398

Iso spor a belli

human immunodeficiency virus, man,
USA 3914

man 10

Leishmania

animals, diagnosis 2606

DNA amplification 3167

human immunodeficiency virus, man
1737, 2046

immune response 3986

immunocompromised hosts, man
2046

Lutzomyia, transmission 3212

mammals, host parasite relationships
4997

man 2119

China 1035

control 323

diagnosis 2606, 4256

drug therapy 2374

immunodiagnosis 4256

Sudan, epidemiology 787

mice, resistance 170

molecular biology 1875

pathogenicity 1875

Leishmania donovani, human immu-
nodeficiency virus, man 4814

Leishmania major, *Rhombomys opimus*,
virulence 1827

Reviews cont.

Leptomyxidae

man

diagnosis 4271

histopathology 4271

lincosamide antibiotics 4648

mefloquine 2381

Megatrypanum, reindeer, Sweden 2974

metronidazole 3304

Microspora, human immunodeficiency

virus, man 4814

microsporidia

human immunodeficiency virus

man 3038

developing countries 4360

Myxosporea, fishes 3451, 3455

Myxozoa, *Ictalurus punctatus*, fish farms,
USA 3887

Naegleria, man 1320

Naegleria fowleri

man 4272

diagnosis 4271

histopathology 4271

opportunistic infections, human immu-
nodeficiency virus, man 2131

parasites

birds, immunity 2714

foxes 4759

immune evasion 4018

immune response 3970

man

autoimmunity 2669

diagnosis 2918

transmission 3224

treatment 2918

mink 4759

wild animals 4598

pentamidine 3241

Phytomonas, cellular biology 4349

Plasmodium

animals, diagnosis 2606

Anopheles

Taiwan 317

transmission 3220

Aotus, immunology 3852

chromosomes 1756

control 3743

enzymes 4056

erythrocytes, host parasite relation-
ships 4099

immunization 3110, 4898

immunology 3898

lizards, Africa 546

man 73, 1320, 2116, 2121

diagnosis 2606, 4258

drug therapy 1927, 2166, 2374

immune response 155, 4006

immunity 4006-4009

immunization 676, 2607, 2715,
3111, 3549, 4022-4024,
4033

immunodiagnosis 4258

immunology 2166

Mauritius, epidemiology 1503

molecular genetics 2603

pathology 2227

physiopathology 2166

prophylaxis 1927, 2371

relapse 4700

Reunion, epidemiology 1503

treatment 1214

primates, relapse 4700

relapse 783

Saimiri, immunology 3852

Plasmodium falciparum

Africa

drug resistance

4-aminoquinolines 5082

antifolates 5082

cytoadherence 4101

drug resistance 1963

man

drug therapy 1924, 1942, 3705,
5054

immune response 3525

immunization 2718, 4464

prophylaxis 1942

treatment 3705

Plasmodium vivax

man

drug therapy 5054

Reviews cont.

Plasmodium vivax cont.

man cont.

immunization 4464

Korea Republic 3647

platelets 3073

Pneumocystis carinii 4793

human immunodeficiency virus

diagnosis 1744

drug therapy 1744

man 1737, 2137, 2142, 2144,
2616, 3795, 4040, 4814

diagnosis 2640

drug therapy 3685

prophylaxis 2640, 3050, 3685,
5152

treatment 2640

USA 3913

immunocompromised hosts

man 2146, 3896, 4040, 4813

diagnosis 934

drug therapy 3241

man 581, 2650

diagnosis 4259

drug therapy 1924

protozoa

aquatic invertebrates

host parasite relationships 1490

pathogenicity 1490

aquatic organisms, acclimatization,
transmission 4597

birds 567

cats, Brazil 1318

cattle 1831

dogs

Brazil 1318

zoonoses 1915

evolution 4395

fishes 2095, 3455

acclimatization, transmission 4597

control 3454

hormones 1163

horses 3407

host parasite relationships 4395

human immunodeficiency virus

man 3912

developing countries 4360

prophylaxis 1921

immune response 1777

immunocompromised hosts, man
3916

livestock

Brazil 1318

immunity 1809

immunology 4353

immunopathology 4714

molecular genetics 2603

man 26, 2115, 2553

diagnosis 4691

drug therapy 1924, 1938, 1944

host parasite relationships 3639

immune response 4012

immunity 4011-4012

immunodiagnosis 1088

molecular genetics 2603

molecular genetics 2605, 2759

monoclonal antibodies 3529

neurotransmitters 1163

nitrogen oxides 123

rabbits 567

digestive system diseases 57

rodents 567

Tabanidae, transmission 3211

taxonomy 4377

ecology, reviews 4825

viruses, interactions 3034

protozoology, USSR 3033

qinghaosu 1978

rumen protozoa 516

Sarcocystis

man

Malaysia 5034

transmission 3669

ruminants, immunology 1772

techniques, detection, *Toxoplasma gondii*
5131

Theileria

cattle

control 1536

Papua New Guinea 4320

Reviews cont.

- Theileria annulata*
cattle
control 1413, 1539, 1917
diagnosis 1917
immunization 1917, 4465
pathogenesis 4465
- Theileria parva*
cattle
control 1413
immune response 1770
immunization 1770, 4465
pathogenesis 4465
- toxicity
antimalarials, man 1988
hydroxychloroquine, man 3311
- Toxoplasma*, ruminants, immunology 1772
- Toxoplasma gondii*
animals
epidemiology 4120
transmission 4120
antiprotozoal agents 4227
bone marrow transplant, man 2145
human immunodeficiency virus
man 1737, 3795, 4803
diagnosis 5131
USA 3914
immunocompromised hosts
man 578
immunotherapy 3962
man 1321, 4351
control 323
diagnosis 2002, 4257
drug therapy 1943, 2002, 2374
epidemiology 4120
immunodiagnosis 4257
prophylaxis 1943
transmission 4120
- Trichomonas*, man, control 323
- Trichomonas vaginalis*, man 1657
- trimethoprim sulfamethoxazole 3303
- Trypanosoma*
Africa, control 3244
animals 2113
diagnosis 2606
antigenic variation 2278
cattle, control 1916
domestic animals, immunodiagnosis 1803
man 75, 1320
diagnosis 2606, 4255
drug therapy 2374, 4145
immunodiagnosis 4255
molecular genetics 2603
variant surface glycoproteins 751
- Trypanosoma brucei*
lipid absorption 4566
man
Africa 2119
drug therapy 1941
susceptibility 4566
variant surface glycoproteins 2279
- Trypanosoma cruzi*
control 4619
immunological deficiency 188
mammals, host parasite relationships 4997
man 76, 2610
Latin America 2119
- Trypanosoma evansi*, buffaloes, Thailand 38
- Trypanosomatidae
messenger RNA 2604
RNA, editing 3166
vectors, rural development 2322
veterinary parasitology 3028
- Rhabdocystis pilosa*, *Lumbricus rubellus*, Poland, new geographic records 3444
- Rhabdospora thelohani*, fishes 2102
- Rhea*, *Histomonas*, mortality 4774
- Rheumatoid arthritis*, *Pneumocystis carinii*, man, methotrexate 2617-2618
- Rheumatoid factor*, *Entamoeba histolytica*, interactions 4401
- Rhipicephalus appendiculatus*
Theileria lawrencei, experimental infections 3660
- Theileria parva*
Africa, transmission 836
DNA probes 435
- Rhipicephalus appendiculatus* cont.
zebu, control 870
- Rhipicephalus simus*, *Trypanosoma*, Nigeria 833
- Rhipicephalus sulcatus*, *Trypanosoma*, Nigeria 833
- Rhipicephalus zambeziensis*, *Theileria lawrencei*, experimental infections 3660
- Rhodium**
Leishmania donovani, in vitro 5087
mode of action 5087
- Rhodnius**
Brazil, control 3742
Trypanosoma cruzi, diagnosis 3339
- Rhodnius pictipes*
Trypanosoma cruzi
Ecuador 785
Trinidad and Tobago 4600
- Rhodnius prolixus*, *Trypanosoma rangeli*, immune response 320, 821
- Rhodnius robustus*, *Trypanosoma cruzi*, Ecuador 785
- Rhombomys opimus*
Leishmania gerbilli, USSR 2316
Leishmania major
USSR 2316
virulence, reviews 1827
Leishmania turanica, USSR 2316
- Rhoptries**
Plasmodium 1484
Toxoplasma gondii 1484
- Rhoptrius barnardi*, *Eimeria barnardi*, new species, Namibia 4820
- Rhoptry organelles**
Eimeria 4531
Plasmodium 4531
Toxoplasma gondii 4531
- Rhoptry protein**, *Plasmodium falciparum* 3615
- Rhynchocystis*, *Limnodrilus hoffmeisteri*, Sweden 4388
- Riboflavin**, uptake, *Plasmodium falciparum*, erythrocytes 2296
- Ribonucleases**, *Leishmania tarentolae* 3147
- Ribosomal DNA**
Entamoeba histolytica 2761
Trypanosomatidae 4558
- Ribosomal RNA**
Babesia bigemina 247
Giardia duodenalis 4975
Leishmania 3603
Pneumocystis carinii 770
protozoa 4067
Sarcocystis 4979
Tritrichomonas foetus 4081
Trypanosoma brucei 749, 4946
- Rifampicin**, *Leishmania*, man 340
- Ringueletium pilosa*, new genus, new species, *Gigantodax*, Argentina 3485
- RNA**
Acanthamoeba 248
Eimeria maxima
gametogony 2771
sporogony 2771
Eimeria nieschulzi, viruses 271
Entamoeba histolytica 1472
Leishmania, viruses 4948
Leishmania infantum chagasi 2276
Leptomonas collosoma 1479
Physarum flavicomum 248
Plasmodium falciparum 255
Pneumocystis carinii 2769
Sauroleishmania tarentolae 4974
Trypanosoma 2774
Trypanosoma brucei 4072, 4550
Trypanosoma cruzi 1479
Trypanosomatidae, reviews 3166
- RNA editing**
Crithidia fasciculata 750
Leishmania tarentolae 750
Trypanosoma brucei 3618, 4076, 4550
Trypanosomatidae 754
- RNA polymerase**
Crithidia fasciculata 3628
Plasmodium falciparum 1456, 3169
Trypanosoma brucei 1151
- RNA probes**, *Babesia bigemina* 4695
- RNA-protein interactions**, *Trypanosoma brucei* 2275
- Ro 15-0216**
Trypanosoma brucei
in vitro 1551
mice 1551
- Robenidine**
Eimeria 1560
fowls 1559
Eimeria tenella, embryos 377
toxicity
embryos 377
fowls 1559
- Rodents**
biological control 1023
Eimeria
host specificity 4821
USA 3002
Plasmodium, disease models 1808
protozoa, reviews 567
- Romania**
Cryptosporidium, goats 1294
Eimeria, goats 1294
Toxoplasma gondii
cattle 999
sheep 999
- Ronidazole**
medicated feeds 390
Trypanosoma congolense, rats 858
- Rosette formation**
Plasmodium falciparum 2736
in vitro 195
- Roxithromycin**, *Toxoplasma gondii*, mice 339
- Ruditapes decussatus**
Perkinsus, Portugal 590
Perkinsus atlanticus, virus-like particles, interactions 1728
- Rumen protozoa** 2071, 2978-2979, 3409-3411, 3866
bison 4738
books 2931
buffaloes, phorate 3853
cattle 517-519, 1694, 3868, 4738
salinomycin 2980
evolution 3065
goats 2072, 3400
metabolism 3408
monensin 2981
metabolism, amino acids 3163
polysaccharides 246
reviews 516
sheep 1693, 1695, 2977, 3867, 4738, 4744-4745
digesta 4743
- Ruminants** (see also buffaloes, cattle, deer, goats, sheep and other common names and named genera)
Cryptosporidium
control, reviews 1771
diagnosis, reviews 1771
immune response, reviews 1771
Sarcocystis, immunology, reviews 1772
Toxoplasma, immunology, reviews 1772
Trypanosoma, Africa, losses 4915
trypanotolerance, Togo 1040
- Rupicapra rupicapra*, *Eimeria*, Czechoslovakia 4313
- Rural development**, vectors, reviews 2322
- Rutilus rutilus**
Myxidium rhodei, Finland 1719
Myxobolus muelleri, Finland 1719
Myxobolus pseudodispar, Finland 1719
protozoa, Czechoslovakia 2098
Trichodina prowazeki, Czechoslovakia, new geographic records 2098
- Rwanda**
Plasmodium
human immunodeficiency virus, man 15
man, economic analysis 1038
Theileria parva
cattle, resistance 3105
zebu, resistance 3105
- Saguinus mystax*, parasites, prevalence 37
- Saimiri**
chloroquine 4624
Plasmodium
experimental infections, reviews 3852
immunology, reviews 3852
Plasmodium vivax, drug therapy 4624

Saimiri sciureus

- Leishmania braziliensis*, *Trypanosoma cruzi*, immune response 128
- Leishmania panamensis*, *Trypanosoma cruzi*, immune response 128
- Plasmodium*, disease models 3851
- Plasmodium brasilianum*, immune response 629
- Plasmodium falciparum*, immunization 179, 674, 3112
- Plasmodium vivax*
 - experimental infections 4734
 - immunization 189, 677, 1108, 3554
 - immunopathology 189

Saimiri sciureus boliviensis, *Plasmodium vivax*, immunization 4020**Salda littoralis**, *Leptomonas rigidus*, new species, USSR 2150**Salinomycin**

- Eimeria acervulina*, fowls 3710
- Eimeria brunetti*, fowls 2857
- Eimeria mitis*, fowls 2858
- Eimeria tenella*, embryos 377
- fowls 3275
 - carcass composition 1229
 - rumen protozoa, cattle 2980
 - techniques, determination, feeds 422
 - toxicity
 - cattle 392
 - embryos 377
 - turkeys 4667

Salmo, protozoa, fish farms, Barents Sea 1509**Salmo gairdneri** (see rainbow trout)**Salmo trutta**

- Ichthyophthirius multifiliis*, host-seeking behaviour 4094
- Myxozoa 2597
- Sphaerospora truttae*, Germany, new geographic records 4343
- Salmo trutta fario**, *Eimeria lydiae*, new species, Czechoslovakia 3058
- Salmonella typhimurium**, *Eimeria*, fowls, interactions 4356

Salmonidae

- Apiosoma*, South Africa 2100
- Ichthyophthirius multifiliis*, South Africa 2100
 - proliferative kidney disease 4777
- Sphaerospora renicola* 4777
- Trichodina*, South Africa 2100
- Salvadora grahamiae**, *Eimeria papillosum*, new species, USA 589
- Salvelinus alpinus**, Myxozoa 2597
- Salvelinus fontinalis**, Myxozoa, Canada 4345

Samorin (see isometamidium)**Sanguinivius geoffroyi**, *Plasmodium vivax*, haematology 1436**Sao Tome and Principe**

- Plasmodium*
 - Anopheles* 4110
 - man, epidemiology 4110

Sarcocheilichthys nigripinnis, *Myxidium sarcocheilichthysi*, new species, China 104**Sarcocystidae**, dogs, USA 1304**Sarcocystis**

- Accipiter gentilis*, USA 3434
- Agkistrodon contortrix contortrix*, USA 2666
- Anas rubripes*, USA 3014
- animals 71
- Aquila chrysaetos*, USA, new host records 3438
- Athene brama*, India 3012
- buffaloes
 - India, epidemiology 3653
 - Italy 4748
 - pathology 4748
- camels, Egypt 4766
- cats 524, 3421
 - experimental infection 2576
- cattle
 - abortion 211
 - Australia 2319
 - diagnosis 1630
 - Finland 1703
 - Mexico 3402
 - pathogenesis 1430
 - reviews 1831

Sarcocystis cont.

- cattle cont.
 - Turkey 2112
 - USA 2073
- chemotaxonomy 4979
- distemper virus, *Procyon lotor*, USA 2614
- dogs 524, 3421
 - Austria 1010
 - Czechoslovakia 3656
 - experimental infection 2576
 - experimental infections, sheepmeat 4121
 - Jordan 1496
 - Turkey 2112
 - USA 3871
- Eos bornea*, pathology 714
- goats
 - Australia, mortality 4752
 - experimental infections 1003
 - India 3405, 3864
 - Mozambique 3869
 - pathology 2235
- horses, Irish Republic 2969
- livestock, diagnosis 2467
- man 71
 - Australia 2529
 - Czechoslovakia 4296
 - Malaysia
 - reviews 5034
 - zoonoses 5034
 - transmission, reviews 3669
- manures 1902
- Microtus ochrogaster*
 - experimental infections 2666
 - USA 2666
- Ovis musimon*, Italy 3497
- pigs
 - Brazil 2574
 - India, epidemiology 3653
- poultry 1714
- Procyon lotor*
 - pathology 1421, 3000
 - USA 47
- ruminants, immunology, reviews 1772
- sheep
 - Czechoslovakia 3870
 - epidemiology 3656
 - experimental infections 1003
 - general account 2988
 - Irish Republic 501
 - Mozambique 3869
 - techniques, purification, sporozoites 1255
 - ultrastructure
 - sarcocysts 2666, 3497
 - sporocysts 2666
- Sarcocystis arieticanis**
 - antigens 1367
 - sheep
 - Czechoslovakia 2970
 - pathology 503
 - Switzerland 503
- Sarcocystis bovicanis**
 - cattle, Somalia 1702
 - enzymes 1858
 - ultrastructure 1753
- Sarcocystis bovifelis**, cattle, Somalia 1702
- Sarcocystis bovi-hominis**, cattle, Somalia 1702
- Sarcocystis bovis**, antigens 612
- Sarcocystis cameli**, dogs, experimental infections, camel meat 4121
- Sarcocystis canis**, new species, dogs, USA 587
- Sarcocystis capracanis**
 - dogs
 - experimental infections 5014
 - Infectivity 1884
 - goats
 - experimental infections 3860
 - Nigeria 1701
 - transmission 5014
 - morphology 4383
 - sheep
 - experimental infections 2976
 - transmission 2976
- Sarcocystis capreolicanis**, man, Germany 1673
- Sarcocystis cruzi**
 - buffaloes
 - cattle, cross infection 2805

Sarcocystis cruzi cont.

- buffaloes cont.
 - China 3499
- cattle
 - immune response 156
 - immunodiagnosis 167
 - Mexico 1697
 - USA 512
 - DNA probes 1147
 - horses, diagnosis 3342
- Sarcocystis falcatula**
 - Blattaria*, USA, transmission 4337
 - Melopsittacus undulatus*, experimental infections 3433
 - Nymphicus hollandicus*, experimental infections 3433
- opossums
 - USA 3433
 - transmission 4337
- Psittacidae
 - USA
 - aviaries 4337
 - epidemiology 4337
 - Psittaciformes, USA, zoological gardens 3433
- Sarcocystis fayeri**
 - horses, Canada 3063
 - ultrastructure 3063
- Sarcocystis felis**, new species, *Felis rufus*, USA 4819
- Sarcocystis fusiformis**
 - buffaloes
 - China 3499
 - India 3404
 - morphology 1059
 - rabbits, immunodiagnosis 3103
- Sarcocystis gigantea**
 - antigens 1367
 - chemotaxonomy 3170
 - immune response, *in vitro* 151
 - polypeptides 3170
 - translation, *in vitro* 3170
- Sarcocystis hircicanis**
 - goats, India, new geographic records 4383
 - morphology 4383
- Sarcocystis hirsuta**
 - culture techniques 923
 - life history 923
- Sarcocystis levinei**
 - buffaloes, China 1052
 - morphology 1059
 - ultrastructure 1052
- Sarcocystis miescheriana**
 - pigs
 - development 5144
 - haematology 722
 - India 994
 - pathogenicity 3130
 - pathology 196
- Sarcocystis montanaensis**
 - Lamprolittis getula holbrooki*, USA 2485
 - mice, development 2485
 - Microtus ochrogaster*
 - development 2485
 - experimental infections 2666
 - Peromyscus leucopus*, development 2485
 - ultrastructure
 - sarcocysts 2666
 - sporocysts 2666
- Sarcocystis muris**
 - antigens 1367, 3976
 - enzymes 1850
 - glycogen 4064
 - ultrastructure
 - micronemes 4064
 - smooth endoplasmic reticulum 4064
- Sarcocystis neurona**
 - culture techniques 1615
 - horses 2968
 - drug therapy 3280
 - USA 2656, 4322
 - monocytes, *in vitro* 1615
- Sarcocystis oivicanis**, sheep, Turkey 2069
- Sarcocystis ovifelis**
 - cats, development 3355
 - sheep, Turkey 2069
- Sarcocystis sehi**, new species, *Erethizon dorsatum*, USA 2155

- Sarcocystis sibirica**
Capreolus pygargus, USSR 3498
 ultrastructure, sarcocysts 3498
- Sarcocystis simonyi**, new species, *Gallotia simonyi*, Canary Islands 2653
- Sarcocystis suicanis**, *Sus scrofa*, Lithuania 2973
- Sarcocystis suihominis**
 pigs, India, new geographic records 994
Sus scrofa, Lithuania 2973
- Sarcocystis tenella**
 antigens 1367
 chemotaxonomy 3170
 polypeptides 3170
 sheep
 Czechoslovakia 2970
 Nigeria 1701
 translation, *in vitro* 3170
- Sarcomastigophora**
 keys 594
 morphology 594
 poultry 1715
Serinus canaria 4768
- Sarotherodon melanothron**
Myxobolus barbi, Benin, new host records 1749
Myxobolus beninensis, new species, Benin 1749
Myxobolus dahomeyensis, Benin, new host records 1749
Myxobolus heterospora, Benin, new host records 1749
Myxobolus nokouensis, new species, Benin 1749
Myxobolus sarotherodonti, new species, Benin 1749
- Saudi Arabia**
Atylotus agrestis 3401
Atylotus farinosus 3401
Eimeria idmii, new species, *Gazella gazella* 2154
Eimeria rheemi, new species, *Gazella subgutturosa* 4818
Entamoeba histolytica, man 1281
Giardia duodenalis, man 1281
 glucose-6-phosphate dehydrogenase, deficiency, man 4306
Isospora gatifenensis, new species, *Pycnonotus leucogenys* 3481
Isospora hafoufensis, new species, *Pycnonotus leucogenys* 3481
Isospora khobarensis, new species, *Pycnonotus leucogenys* 3481
Leishmania, man 1195, 1283, 3811
Leishmania donovani, man 34, 2951
Leishmania major, man 4154
Plasmodium, man 4715
Plasmodium falciparum, man 360
 protozoa, man 969
Theileria, cattle 3401
Theileria annulata, cattle 3401
Theileria hirci
 goats, new geographic records 3401
 sheep, new geographic records 3401
Theileria ovis
 goats, new geographic records 3401
 sheep, new geographic records 3401
Trypanosoma evansi, camels 3401
- Saurogobio dumerili**, *Myxobolus saurogobioi*, new species, China 104
- Sauroleishmania adleri**, chemotaxonomy 2776
- Sauroleishmania gulikae**, chemotaxonomy 2776
- Sauroleishmania gymnodactyli**
 chemotaxonomy 2776
Sergentomyia arpaklensis, host parasite relationships 1491
- Sauroleishmania tarentolae**
 chemotaxonomy 2776
 drug resistance
 antimony 2397
 arsenicals 2397
 glycoproteins 2397
 messenger RNA 4961
 nucleotide sequences 2274
 RNA 4974
- Sauroplasma kachelibaensis**, new species, *Mabuya striata*, Kenya 1340
- Scanning electron microscopy**, *Cryptosporidium*, oocysts 2664
- Schellackia**, *Mabuya striata*, Kenya, new geographic records 1340
- Schellackia agamae**
Agama stellio, life history 3496
 ultrastructure
 oocysts 3496
 sporozoites 3496
- Schellackia mabuyai**, new species, *Mabuya striata*, Kenya 1340
- Schilbe mystus**, *Trichodina sangwala*, new species, Namibia 3943
- Scintigraphy**, *Pneumocystis carinii*, human immunodeficiency virus, man 3697
- Sciurus carolinensis**, Hepatozoon, UK 2087
- Sciurus vulgaris**, *Eimeria sciurorum*, Yugoslavia 2089
- Scomber scombrus**, *Goussia clupearum*, Canada 548
- Sea of Japan**, *Kinorhynchospira japonica*, new genus, new species, *Kinorhynchus yushini* 3941
- Secnidazole**, *Giardia duodenalis*, *in vitro* 1591
- Selenium**, toxicity, monensin 903
- Semduramicin**, *Eimeria*, fowls 4146
- Semen**, *Trichomonas vaginalis* 2329
- Senegal**
Babesia bigemina, cattle 2052
 parasites
 Pan troglodytes 4737
 Papio papio 4737
Plasmodium falciparum
 drug resistance, chloroquine 4646
 man 1658-1659, 1906, 3257
 drug resistance, chloroquine 2867
 protozoa, cattle 481
Theileria mutans, cattle 2052
Theileria ovis
 goats 481, 2052
 sheep 481, 2052
Theileria velifera, cattle 2052
Trypanosoma congolense
 goats 2052
 sheep 2052
Trypanosoma vivax
 goats 481, 2052
 sheep 481, 2052
Vavraia culicis, *Anopheles gambiae* 4387
- Sequestration**, *Plasmodium falciparum* 3129
- Sergentomyia arpaklensis**, *Sauroleishmania gymnodactyli*, host parasite relationships 1491
- Serinus canaria**, *Sarcomastigophora* 4768
- Serodemes**, *Trypanosoma brucei* 765
- Serpentes**, *Eimeria*, checklists 589
- Serum**, *Trypanosoma brucei*, *in vitro* 4460
- Sesquiterpenelactones**, *Trypanosoma cruzi*, *in vitro* 1583
- Sewage**
Cryptosporidium, Puerto Rico 4118
Giardia, Puerto Rico 4118
Giardia duodenalis
 man, India 2794
 USA 3229
 treatment, *Cryptosporidium* 402
- Sewage effluent**, *Acanthamoeba jacobsi*, new species, USA 4816
- Sexual behaviour**, free living protozoa 2272
- Sexual selection**
 host parasite relationships 2294, 2780, 3635
Plasmodium pedicetii, *Centrocerus urophasianus* 3636
 protozoa 1483
- Sexual transmission**, protozoa, man, reviews 3825
- Sheehan's syndrome**, *Cryptosporidium*, man, UK 3383
- Sheep**
 amoebae, USA 2984
Babesia ovis
 drug therapy 862
 immunodiagnosis 158
 Turkey 158
 cis-Pt(II) pentamidine, pharmacokinetics 1552
 coccidia
 Cuba 3857
 drug therapy 4151
 Mozambique 3869
 reviews 1725
- Sheep cont.**
Cryptosporidium 1692
 Chile 996
 general account 2986
 Iran 2502
 reviews 485
 zoonoses, general account 3232
Cryptosporidium parvum 2689
 Brazil 3855
Eimeria 1692
 Bangladesh 3406
 Brazil 2966
Bunostomum, USSR, epidemiology 1897
 China 42
 Czechoslovakia 2060
 diagnosis 5133
 drug therapy 1945
 general account 2986
 Germany 43
 India 4754
 Kenya 1005, 4317
 Nigeria, epidemiology 3201
 Oman 3026
 pathology 209
 plane of nutrition 2070
 prophylaxis 1945
 UK 2566
 USA 993
Eimeria gilruthi, UK 500
Eimeria ovinoidalis, USA 993
Giardia duodenalis, New Zealand 2807
 lasalocid 4189, 5113-5114
 drug residues 393
 morphology
 Sarcocystis arieticanis 2970
 Sarcocystis tenella 2970
Neospora caninum, pathology 1432
 parasites
 haematology 723
 resistance 176
 protozoa
 Brazil, reviews 1318
 India 3449
 UK, control 3242
 rumen protozoa 1693, 1695, 2977, 3867, 4738, 4744-4745
 digesta 4743
- Sarcocystis**
 Czechoslovakia 3870
 epidemiology 3656
 experimental infections 1003
 general account 2988
 Irish Republic 501
 Mozambique 3869
- Sarcocystis arieticanis**
 Czechoslovakia 2970
 pathology 503
 Switzerland 503
- Sarcocystis capracanis**
 experimental infections 2976
 transmission 2976
- Sarcocystis ovis**, Turkey 2069
- Sarcocystis ovifelis**, Turkey 2069
- Sarcocystis tenella**
 Czechoslovakia 2970
 Nigeria 1701
- spiroarsorane**, pharmacokinetics 1600
- Theileria hirci**, Saudi Arabia, new geographic records 3401
- Theileria ovis**
 Saudi Arabia, new geographic records 3401
 Senegal 481, 2052
- tickborne diseases**, general account 2987
- toxicity**
 amprolium 5116
 maduramicin 3320
 monensin 1603, 2428
- Toxoplasma gondii**
 abortion 212
 Brazil 2568
 Canada 4751
 China 513
 diagnosis 938
 general account 2985
 Germany, zoonoses 2342
 immunization 185
 immunodiagnosis 1091, 2205, 4866
 Mexico, epidemiology 2573
 Mozambique 3869

Sheep cont.

- Toxoplasma gondii* cont.
- New Zealand 2567
- Niger 2989
- Romania 999
- zoonoses, general account 3231

Trypanosoma

- Côte d'Ivoire 495
- Togo 493, 496
- Trypanosoma brucei*
- Africa 491
- drug therapy 1552, 1600
- experimental infections 4739
- pathogenicity 4912
- Trypanosoma congolense*
- Africa 491
- Cameroon 1687
- immune response 2171, 3092
- Nigeria, epidemiology 3194
- Senegal 2052

Trypanosoma gambiense

- Congo 1093
- immunodiagnosis 1093

Trypanosoma vivax

- Africa 491
- Congo, epidemiology 809
- Nigeria, epidemiology 3194
- oestrous cycle 2051
- pathology 4907
- Senegal 481, 2052

Shellfish

- protozoa 564
- discussion 566
- epidemiology 565

Shigella flexneri, *Entamoeba histolytica*,

- interactions 4354
- Sialic acids**, *Plasmodium falciparum* 3638

Sialidase

- Acanthamoeba* 3595

Trypanosoma brucei 4135**Sickle cell anaemia**

- Plasmodium*, man, Nigeria 4732
- Plasmodium falciparum*
- man 2542
- Gabon 3835
- Sudan 2677

Sickle cell trait, *Plasmodium falciparum*,

- man, immune response 3072, 4412

Sierra Leone

- Plasmodium falciparum*
- drug resistance, chloroquine 1565, 1662
- man 1662

Siganus luridus, *Zschokkella icterica*, new

- species, Red Sea 2659

Sigmodon hispidus

- Entamoeba muris*, USA, new host

- records 4328

- Giardia*, USA, new host records 4328

Sigmodon ochrognathus, *Eimeria tuskegensis*,

- USA, new host records 3002

Simian immunodeficiency virus,

- Cryptosporidium*, *Macaca mulatta*,
- pathology 1426

Simulium damnosum, Microspora, Nigeria

- 2105

Sinefungin

- Leishmania donovani* 2870

- in vitro 2876

- mode of action 2870

Singapore

- Encephalitozoon cuniculi*, rabbits 530

- Toxoplasma gondii*, man 4869

Single stranded RNA virus, *Leishmania*

- guyanensis* 3624

Sitophilus oryzae, *Microsporidium sitophili*,

- moulting, pathology, Curculionidae

- 3558

Skin tests

- Leishmania braziliensis* 4403

- Leishmania donovani* 4840

Small nuclear RNA

- Trypanosoma brucei* 3599

- Trypanosoma gambiense* 3599

Social impact, *Plasmodium*, man, Thailand

- 4289

Sodium antimonyl gluconate, *Leishmania*,

- man 1896

Sodium chloride, *Piscinoodinium*, *Puntius*

- gonionotus* 328

Sodium stibogluconate

- Leishmania* 2397

- drug resistance 882

- in vitro, promastigotes 3683

- man 340, 860, 1957, 4142, 5040

Leishmania amazonensis

- in vitro, mode of action, amastigotes
- 2412

- man 1

Leishmania braziliensis 5058*Leishmania donovani*

- hamsters 871, 2852
- human immunodeficiency virus, man

- 3935

- India, drug resistance 1566

- man 330, 1238, 1493, 2851, 2952

- mice 871, 1226, 1929, 4903

Leishmania mexicana, in vitro, mode of

- action, amastigotes 2412

Leishmania panamensis, man 331

- mice, pharmacokinetics 4194

- mode of action 1238, 2412

- pharmacokinetics 4194

Sofravitaminee, *Eimeria tenella*, fowls 872**Soil**, *Acanthamoeba castellanii*, *Fusarium*

- oxysporum* 5147

Somalia

- Eimeria*, *Acryllium vulturinum* 1028

Plasmodium falciparum

- drug resistance

- chloroquine 1218, 1222, 1964

- mefloquine 1218

Sarcocystis, cattle 1702*Trypanosoma*, livestock, computer mod-

- els 929

Trypanosoma congolense

- drug resistance

- diminazene 2393, 5084

- isometamidium 2393, 5084

Trypanosoma vivax

- drug resistance

- homidium 878

- isometamidium 878

- quinapyramine 878

South Africa

- Apiosoma*, Salmonidae 2100

Babesia

- cattle, epidemiology 818

- man 466

Babesia irvinesmithi, *Hippotragus niger*,

- zoological gardens 2730

- conferences, parasitology 959

Encephalitozoon cuniculi, horses 2064*Entamoeba histolytica*, man 1778, 3097

- free living amoebae, man 2549

Haematozoa, birds, epidemiology 3436*Ichthyophthirius multifiliis*, Salmonidae

- 2100

Nosema locustae, *Locustana pardalina*

- 2109

Plasmodium circumflexum, *Numida*

- meleagris* 1837

Plasmodium falciparum

- drug resistance

- chloroquine 5079

- pyrimethamine 5079

Plasmodium relictum, *Spheniscus demersus*

- 4771

Protozelleriella devilliersi, new genus,

- new species, *Capensisbufo rosei* 107

protozoa

- man 4478

- Numida meleagris* 2093

Trichodina, Salmonidae 2100*Trichodina xenopodosis*, *Xenopus laevis*

- 105

Zelleriella gambieri, new species,

- Tomopterna natalensis* 107

Zelleriella garlandi, new species, *Kas-*

- sina maculata* 107

Zelleriella sandoni, new species, *Bufo*

- garmani* 107

South America*Babesia bovis*

- Boophilus microplus*, transmission,

- mathematical models 4111

- cattle, epidemiology, mathematical

- models 4111

Leishmania

- conferences 5156

- man 953

South America cont.*Plasmodium*

- man 4302

- control 322

Triatoma infestans, control 3671*Trypanosoma cruzi*

- conferences 5156

- man

- control 3671

- transmission 2544

South China Sea, *Blastocystis lapemi*, new

- species, *Lapemis hardwickii* 1750

South East Asia

- mosquito-borne diseases, bibliographies

- 1644-1646

Plasmodium

- man

- epidemiology 311

- resistance 3195

Sphaerospora, *Epinephelus malabaricus*,

- new geographic records 1128

Southwest Pacific

- Apicomplexa, *Thunnus alalunga*, geo-

- graphical distribution 4775

- Plasmodium*, man, control, history 4278

Spain*Acanthamoeba*, water 447*Ancistrum mytili*, *Mytilus gal-*

- loprovincialis* 1721

Bonamia ostreae, *Ostrea edulis* 559*Eimeria*, goats, epidemiology 1898*Giardia duodenalis*, man 3457*Leishmania*

- dogs 1011

- human immunodeficiency virus, man

- 4365

- man 986, 2949

Leishmania donovani

- human immunodeficiency virus, man

- 3040-3041, 3810, 3911

- man 2524, 2941

Leishmania infantum infantum, molecular

- karyotypes 2667

Marteilia maurini, *Mytilus gal-*

- loprovincialis* 1721

Naegleria, water 447*Nosema artemiae*, *Artemia* 557*Pneumocystis carinii*, human im-

- muno-

- odeficiency virus, man 433, 1738,

- 2130, 3472, 4364

Sphaerospora dicentrarchi, new species,

- Dicentrarchus labrax* 3488

Steinhausia mytilovum, *Mytilus gal-*

- loprovincialis* 1721

Toxoplasma gondii

- human immunodeficiency virus, man

- 2642, 2943, 4363

- immunocompromised hosts, man

- 2943

Trypanosoma cruzi, immunocompromised

- hosts, man 3225

Sparus aurata, *Cryptobia eilatitica*, new spe-

- cies, Red Sea 585

Sparus latus, *Cryptocaryon irritans*, China

- 2595

Speciation, protozoa 4397**Spermidine**, *Leishmania mexicana* 2422*Spermophilus elegans**Eimeria*

- USA 4327

- new host records 2581

Spermophilus mexicanus

- Eimeria callospermophili*, USA, new host

- records 3007

- Eimeria morainensis*, USA, new host

- records 3007

Sphaerospora*Epinephelus malabaricus*

- pathology 1128

- South East Asia, new geographic

- records 1128

- Sphaerospora epinepheli**, new species, *Epinephelus malabaricus*, Thailand 2157
- Sphaerospora lienii**, new species, *Hypophthalmichthys molitrix*, China 104
- Sphaerospora renicola**
carp, development 1260
Cyprinus carpio, Europe, epidemiology 2103
Salmonidae 4777
- Sphaerospora truttae**
Salmo trutta, Germany, new geographic records 4343
Thymallus thymallus
Germany
new geographic records 4343
new host records 4343
- Spheniscus demersus**, *Plasmodium relictum*, South Africa 4771
- Spherospora andinae**, new genus, new species, *Gigantodax chilense*, Argentina 3484
- Sphingolipids**, *Plasmodium falciparum* 239
- Sphingophospholipids**, *Leishmania donovani* 1442
- Spicara flexuosa**, *Ceratomyxa pecuaria*, new species, Black Sea 1347
- Spiramycin**
Cryptosporidium parvum, rats 846
Toxoplasma gondii 2899
man 4161, 4704
mice 339
- Spiroarsorane**
pharmacokinetics 1600
sheep, pharmacokinetics 1600
Trypanosoma brucei, sheep 1600
- Spleen**, *Plasmodium*, erythrocytes 4909
- Spleen cells**, *Plasmodium vinckei* 172
- Splenomegaly**, *Plasmodium falciparum* 2692, 2698
- Spontaneous cure**, mucosal leishmaniasis 974
- Sporogony**
Eimeria tenella 3766
Haemogregarina balli 944
Plasmodium berghei, antimalarials 3684
- Sputum**, *Pneumocystis carinii* 2921
- Sri Lanka**
Anopheles, ecology 1179
Cryptosporidium, man 3804
Leishmania, man 29
Plasmodium
man 2950, 3793, 4728
control 1247, 3745
epidemiology 786, 1179, 1785
Plasmodium falciparum
man 1660
epidemiology 1527
Plasmodium vivax
man 4497
epidemiology 1527, 5028
immunity 4883
Toxoplasma gondii, goats 3854
- Staining** (see Techniques, staining)
- Staphylococcus aureus**
Cryptosporidium, man, interactions 3849
Trichomonas vaginalis
interactions, *in vitro* 85
mice, interactions 4355
- Statistical analysis**
lethal dose 3327
triazines, mode of action 2414
- Steinhausia mytilovum**
Mytilus edulis, USA, new geographic records 1723
Mytilus galloprovincialis, Spain 1721
- Steroids**, *Acanthamoeba castellanii*, *in vitro* 5110
- Sterols**
Crithidia fasciculata 4922
Leishmania 738
Trypanosoma cruzi 738
- Stibophen**, *Leishmania* 2397
- Stomoxys**, *Trypanosoma evansi*, *Tabanus*, India, transmission 2972
- Strain differences**
Eimeria 4385
Leishmania donovani 771
Trypanosoma cruzi 710
- Streptomycin**, *Cryptobia salmositica*, *in vitro* 1590
- Strix varia**, *Plasmodium* (Novyella), USA 4827
- 1-(Substituted)benzyl-5-aminoimidazole-4-carboxamides**, *Trypanosoma cruzi*, mice 2881
- Sudan**
Entamoeba histolytica, man, epidemiology 2332
Giardia duodenalis, man, epidemiology 2332
Leishmania
man
epidemiology, reviews 787
transmission 2932
Leishmania donovani
man 13, 36, 965, 2952
epidemiology 1493, 4610
Phlebotomus orientalis, transmission 4610
Plasmodium falciparum
drug resistance
chloroquine 360, 1595, 1757, 3285, 4643
desethylchloroquine 4643
man 360, 2677, 4643
sickle cell trait, man 4412
Theileria annulata, cattle 2067
Theileria parva, cattle 507, 2067
Toxoplasma gondii
camels 4767
man, epidemiology 4599
Trichomonas vaginalis, man 3386
Trypanosoma gambiense, man 2350, 2354
Trypanosoma theileri, Zebu 1296
- Sulfa drugs**, toxicity, man 4663
- Sulfaclozine**, *Eimeria*, turkeys 1561
- Sulfadiazine**
toxicity, man 4214
Toxoplasma gondii
drug resistance 3711
human immunodeficiency virus, man 1937, 4214
mice 4140
- Sulfadimethoxine**
Cryptosporidium parvum, cattle 5046
Eimeria, partridges 4626
- Sulfadimethoxine ormetoprim**
Eimeria, turkeys 1198
pharmacokinetics 1234
turkeys, pharmacokinetics 1234
- Sulfadoxine**
man, pharmacokinetics 2871
mefloquine, interactions, *in vitro* 3300
pharmacokinetics 2871
Plasmodium 1976
Plasmodium falciparum, man 2871
- Sulfadoxine pyrimethamine** 3695
- Sulfalene**, *Plasmodium falciparum*, man 3251
- Sulfamethoxazole trimethoprim**, toxicity, man 2884
- Sulfaquinoxaline**
Eimeria
fowls 2386-2387
turkeys 1561
toxicity, dogs 4233
- Sulfonamides**
drug residues, fowls 5117
Histomonas
pheasants 1215
turkeys 1215
Plasmodium falciparum, man 5082
Sarcocystis neurona 3280
Trichomonas
pheasants 1215
turkeys 1215
- Sulfones**, *Plasmodium berghei*, mice 2384
- Superoxide**
Acanthamoeba castellanii 1447
Plasmodium berghei, mice 2247
- Suramin** 3306
mode of action 3302
monocytes 3302
toxicity, man 2883, 3305
Trypanosoma brucei, mice 854, 1206, 2355
Trypanosoma equiperdum
drug resistance 2396
- Suramin cont.**
Trypanosoma equiperdum cont.
in vitro 2396
mice 2396
Trypanosoma evansi
drug resistance 2396
in vitro 2396
mice 2396
Trypanosoma rhodesiense
Cercopithecus aethiops 854
man 851
Trypanosoma vivax, *in vitro* 892
tumour necrosis factor 5094
- Surface antigens**
Babesia equi 627
Entamoeba histolytica 118
Giardia duodenalis 1848, 3071, 4853
Leishmania amazonensis 1768
Plasmodium falciparum 3587, 3967
Pneumocystis carinii 1780
Trichomonas vaginalis 142
- Surgery**
Entamoeba histolytica, man 3838
Trypanosoma cruzi 2860
man 3375
- Suriname**
Anopheles darlingi 820
Plasmodium, man, epidemiology 820
Plasmodium falciparum
Anopheles darlingi, transmission 4115
man, epidemiology 4115
- Sus scrofa**
Eimeria, Pakistan 4749
Sarcocystis suicanis, Lithuania 2973
Sarcocystis suihominis, Lithuania 2973
- Susceptibility**
Acanthamoeba castellanii
birds 4348
mammals 4348
man 4348
Balantidium, pigs 520
Ceratomyxa shasta, rainbow trout 2097
Eimeria, fowls, genetic variation 4885
Haplosporidium nelsoni, *Crassostrea virginica* 175
Leishmania, *Lutzomyia longipalpis* 812
Leishmania donovani, mice 670
Leishmania infantum infantum
Phlebotomus langeroni 4126
Phlebotomus papatasi 4126
Leishmania major
mice 4015
Phlebotomus langeroni 4126
Phlebotomus papatasi 4126
Leucocytozoon, fowls 2588
Plasmodium, man 1810
Plasmodium berghei, mice, aflatoxins 3538
Plasmodium cynomolgi, *Anopheles* 1514
Plasmodium falciparum, *Aotus trivirgatus* 4003
Plasmodium gallinaceum, *Aedes aegypti* 1912
Plasmodium vivax
Anopheles 1525
Anopheles gambiae 2325
Plasmodium yoelii
mice 3429
rats 3429
protozoa, man 1166
Theileria, immunocompromised hosts, mice 4884
Toxoplasma gondii
Aotus lemurinus 177
mice, pregnancy 3985
Trypanosoma
cattle, genetic polymorphism 2209
n'dama, genetic polymorphism 2209
zebu, genetic polymorphism 2209
Trypanosoma brucei, reviews 4566
Trypanosoma catostomi
freshwater fishes 5024
vectors 5024
Trypanosoma congolense
cattle 1839, 2056, 2565
n'dama 2056
zebu 1839
Trypanosoma cruzi 122
man 3197
Trypanosoma evansi
Meriones unguiculatus 666

Susceptibility cont.

- Trypanosoma evansi* cont.
mice 669
Trypanosoma gambiense, *Glossina* 2323
Trypanosoma vivax
cattle 1839
zebu 1838-1839

Swaziland, *Opalina duquesnei*, new species, *Chromantis xerampelina* 106**Sweden**

- Babesia divergens*, reindeer, reviews 2974
Bacillidium strictum, *Limnodrilus hoffmeisteri* 4388
Echinactinomyxidum, *Limnodrilus hoffmeisteri* 4388
Entamoeba coli, man 23
Entamoeba histolytica, man 4303
Janacekia adipophila, new species, *Ptychopora paludosa* 4375
Megatrypanum, reindeer, reviews 2974
Plasmodium falciparum, man 1217
Rhynchocystis, *Limnodrilus hoffmeisteri* 4388
Tardivesicula duplicata, new genus, new species, *Limnephilus centralis* 2658
Toxoglugea chironomi, *Dicrotendipes* 3064
Toxoplasma gondii, man 2947
Trypanosoma theileri, cattle 1000

Swimming pools, *Cryptosporidium*, UK 2786**Switzerland**

- coccidia, *Capra ibex* 2982
Cryptosporidium
cats 32
cattle 32
man 32
epidemiology 302
Giardia duodenalis, chemotaxonomy 2289
parasites, man 1675
Plasmodium, man 2850
Plasmodium falciparum, man 3379
Pneumocystis carinii
human immunodeficiency virus man 3922
epidemiology 4809
immunocompromised hosts man 1736
transmission 2333
Sarcocystis arieticanis, sheep 503
Toxoplasma gondii, immunocompromised hosts, man 3463
Sylvicapra grimmia, *Trypanosoma*, Burkina Faso 1699

Symptomatology

- Blastocystis hominis*, man 2037
Entamoeba histolytica, man 1681, 1836
Leishmania, children 3815
Leishmania amazonensis, man 194
Plasmodium
man 4291
Zaire 2546
Plasmodium falciparum
children 1948
man 978, 3389, 3827
Pneumocystis carinii, man 2143
Trypanosoma cruzi 21
Trypanosoma rhodesiense 471
man 2029

Synceros caffer, *Theileria parva*, cattle, cross immunity 4026**Synodontis batesii**

- Myxobolus* sp. 4, Cameroon 1054
Myxobolus synodontii, new species, Cameroon 1054

Synodontis macrostigma, *Trichodina nkasa*, new species, Namibia 3943**Synthetic peptides**

- Plasmodium berghei* 3076
Plasmodium falciparum 618, 622, 1067, 1089, 3958
man 1774
Plasmodium vivax 4421
Trypanosoma cruzi 3095

Synthetic vaccines

- Plasmodium cynomolgi* 1764, 4897
Plasmodium falciparum 131, 1786-1787, 1814, 1821, 2173, 2717, 4031-4032, 4895

Synthetic vaccines cont.

- Plasmodium falciparum* cont.
merozoites 4896

Syria

- Leishmania*, man, epidemiology 3425
Leishmania infantum infantum, dogs 3425
Leishmania major, man, new host records 3393
Leishmania tropica
dogs 3425
man 1202

Syrmaticus reevesi, protozoa, Czechoslovakia 1029**T lymphocytes**

- Babesia bovis* 2675
Cryptosporidium 658, 1797
human immunodeficiency virus 4796
Cryptosporidium parvum 4419
Eimeria 2220
Eimeria acervulina 1390, 4862
Eimeria tenella 3982
Entamoeba histolytica 1778
Giardia duodenalis 621, 3980
Leishmania 138, 1075, 2175, 3518
Leishmania amazonensis 1381, 1768
Leishmania donovani 337, 1823, 3513, 4861
in vitro 1767
Leishmania infantum infantum 132, 1080
Leishmania major 136, 635, 1069, 3505, 3972, 4015
Leishmania mexicana 2709
parasites 1361, 3970
Plasmodium 4006, 4023
Plasmodium berghei 1794, 2180, 3068, 3076
Plasmodium chabaudi 3540
Plasmodium falciparum 145, 148, 618, 1786, 3514, 3525, 3954, 3967, 4420, 4427, 4430, 4846
in vitro 638
Plasmodium vivax 3514, 4421
Plasmodium yoelii 2211
Pneumocystis carinii 2183, 4805
human immunodeficiency virus, man 3933
man 2632
Sarcocystis gigantea 151
Theileria annulata 147, 1793, 2190, 4884
Theileria parva 2668, 4884
Toxoplasma gondii 144, 657, 1102, 1376, 2672, 3530, 4014, 4416
mice, immunity 1099
Trypanosoma brucei 116
in vitro 637
Trypanosoma congolense 3067
sheep 3092
Trypanosoma cruzi 122, 171, 1765, 2177, 2222, 2680, 2722, 3106, 3116
host parasite relationships 2297
mice 2708
Trypanosoma gambiense 699

T-2 toxin, lasalocid, interactions 5044**Tabanidae**, protozoa, transmission, reviews 3211**Tabanus**

- Trypanosoma*, Zaire, transmission 2335
Trypanosoma evansi, *Stomoxys*, India, transmission 2972

Taiwan

- Anopheles*, reviews 311
coccidia, goats 3865
Cryptosporidium
birds 2593
zoo animals 2593
Eimeria stiedai, rabbits 3006
Entamoeba histolytica, man 4293
Epistylis, *Penaeus monodon* 3024
Giardia duodenalis, *Cryptosporidium*, man 4299
Plasmodium
Anopheles, reviews 317
man, epidemiology 317
protozoa, marine fishes, fish farms 3021
Zootamnium, *Penaeus monodon* 3024

Tamoxifen, analogues, in vitro, mode of action 3725**Tanzania**

- parasites
Pan troglodytes 4737

Tanzania cont.

- parasites cont.
Papio anubis 4737
Plasmodium, man 1598
Plasmodium falciparum
Anopheles gambiae 4611
drug resistance, chloroquine 3686, 5074
man 333, 1089, 1365, 1550, 2408
control 912-915
measles, man 1324
Theileria parva
cattle 508, 686-687
control 869, 1533
zebu, control 870
Tricornia muhezae, new genus, new species, *Mansonia africana* 4374
Trypanosoma, goats 2356
Trypanosoma rhodesiense, man 4872
Tardivesicula duplicata, new genus, new species, *Limnephilus centralis*, Sweden 2658
Tarentola mauritanica, *Haemoproteus tarentolae*, France, redescrptions 2654

Taxonomy (see also Chemotaxonomy; Immunotaxonomy)

- protozoa, ecology, reviews 4825
Apicomplexa 2291
new species, *Blastocystis* 4376
Pneumocystis carinii 1733, 3944, 4980
Protozoa, classification 2661
protozoa
clonal theory 4824
reviews 4377
Apicomplexa
keys, *Plasmodium* 1342
new combination
Anisoboloides bulliardi 3937
Anisoboloides desportis 3937
Anisoboloides gymnopholi 3937
new genus
Actinocephalidae 1051
Gregarinidae 3937
new species
Blastocystis 1750, 3491
Aggregata 4369
Caryospora 4373
Cephalolobus 3482
Cosmetophilus 2152
Eimeria 99, 588-589, 1049-1050, 1334-1335, 1338, 2154, 3056, 3058, 3936, 3938, 4371, 4817-4818, 4820
Goussia 591
Gregarina 2153, 4370
Haematractidium 1340
Haemoproteus 98, 1340, 1748, 2654-2655, 3939, 4372
Isoospora 588, 3057, 3481, 3936, 4820
Karyolysus 1340
Mukundaella 3483
Nematopsis 3482
Odonaticola 3483
Perkinsus 1337
Pirhemocytion 1340
Plasmodium 1341
Sarcocystis 587, 2155, 2653, 4819
Schellackia 1340
nomenclature
Anisobolus bulliardi 3937
Anisobolus desportis 3937
Anisobolus gymnopholi 3937
Eimeria 1336, 4821
Neospora caninum 4822
redescrptions
Caryospora jararacae 4373
Haemoproteus simondi 2654
Haemoproteus tarentolae 2654
Plasmodium dissanaikai 2586
Plasmodium lophurae 2662
Sarcocystidae, phylogeny 4979
Ascetospora, *Coelosporidium* 3489
Ciliophora
new combination
Opalina amygdala 106
Opalina foliaceae 106
new genus
Nyctotheridae 3942
Opalinidae 107
Troglyotellidae 2660

Taxonomy cont.**Ciliophora cont.**

new species

Balantidium 3490, 3942*Opalina* 106*Prototapirella* 2660*Protozelleriella* 107*Trichodina* 3943*Trogodytella* 2660*Zelleriella* 107

nomenclature

Cepedea amygdala 106*Cepedea foliacea* 106**Microspora***Vavraia* 4387*Bacillidiidae* 2156

new combination

Amblyospora macrococcus 3948*Endoreticulatus schubergi* 1344

new family 3060

new genus 3941

Caudosporidae 3485*Duboscqiidae* 2658*Nosematidea* 1346*Pleistophoridae* 1345*Thelohaniidae* 3484, 4374new name, *Orthosomella* 3486

new species

Amblyospora 102, 592, 3059*Encephalitozoon* 101*Enterocytozoon* 1343*Helmichia* 100*Janacekia* 4375*Loma* 3940*Microsporidium* 70, 1053, 3487*Nosemoides* 2657*Pleistophora* 2657*Ringueletium* 3485*Thelohania* 2657

nomenclature

Orthosoma 3486*Pleistophora schubergi* 1344*Thelohania macrococcus* 3948redescriptions, *Nosema serbica* 4828**Myxozoa**

new combination

Myxobolus 103*Myxobolus dahomeyensis* 1749*Myxobolus heterospora* 1749new genus, *Myxobolidae* 2158

new species

Bipteria 3061*Ceratomyxa* 1347, 4823*Chloromyxum* 4823*Davisia* 3061*Kudoa* 1347*Myxidium* 104, 1347*Myxobilatus* 1347*Myxobolus* 104, 1054, 1749*Myxosoma* 593*Sphaerospora* 104, 2157, 3488*Zschokkella* 2659

nomenclature

Myxobolus 103*Myxosoma* 103*Myxosoma dahomeyensis* 1749*Myxosoma heterospora* 1749**Sarcomastigophora***Entamoeba histolytica* 1472*Trypanosoma (Trypanozoon)* 4092*Giardia* 97new combination, *Herpetomonas**roitmani* 2149

new species

Acanthamoeba 4816*Cryptobia* 585*Leptomonas* 1333, 2150*Trypanosoma* 586*Trypanosoma (Megatrypanum)*

2151

nomenclature, *Crithidia roitmani*

2149

Trypanosomatidae 3371**Teaching, tropical medicine, Latin America**

4273

Techniques

analysis

qinghaosu 371

T lymphocytes, precursors 2668

assays, medicated feeds 390

Techniques cont.characterization, *Pneumocystis carinii*,

lectins 4518

chromatography

quinidine 4678

quinine 407

computer, *Plasmodium berghei* 2465

computers, 3-D reconstruction 1614

concentration

Plasmodium falciparum, blood 4247*Plasmodium vivax*, blood 4247

protozoa, ova, faeces 1622

counting

Cryptosporidium, ova, faeces 3332*Eimeria tenella* 4563*Plasmodium*, blood 1254

cryopreservation

Acanthamoeba polyphaga 4676*Giardia* 1402*Leishmania donovani*, promastigotes

5127

Naegleria fowleri 4676*Naegleria gruberi* 4676*Naegleria lovaniensis* 4676*Plasmodium falciparum* 5122*Toxoplasma gondii* 3747*Trypanosoma* 414*Trypanosoma evansi* 3747*Trypanosoma theileri* 3747*Cryptosporidium*, reviews 925

culture (see Culture techniques)

data processing 1900

detection 421, 429

amprolium, feeds 2436

antimalarials

serum 1624

urine 1624

Babesia bigemina, *Boophilus**microplus* 1996*Blastocystis hominis* 432*Cryptosporidium* 1610*Cryptosporidium baileyi*, faeces 4637

cysts 931

diminazene

animal tissues 2453

bovine plasma 2453

DNA probes 435

drug resistance, *Trypanosoma con-**golense* 2861

flow cytometry 930

Giardia

cysts 2462

water 3206

Giardia duodenalis, DNA probes,

water 4237

Leishmania aethiopica 1862*Plasmodium* 2461*Anopheles* 2479

blood 1998

Plasmodium falciparum 1629*Anopheles* 1515

capillary blood 4262

venous blood 4262

protozoa, faeces 411

spores 2908

Toxoplasma gondii, reviews 5131*Trichomonas vaginalis* 2463*Trypanosoma*, blood 1256*Trypanosoma congolense*, blood 2450*Trypanosoma cruzi* 5129*Trypanosoma rhodesiense*, blood

2451

determination

chloroquine

blood 4204

plasma 4204

urine 4204

furazolidone 378

melarsoprol, serum 927

metronidazole 378, 4205

monensin, feeds 422

narasin 3751

feeds 422

phospholipids, *Plasmodium**falciparum* 2000

salinomycin, feeds 422

diagnosis, *Trypanosoma* 2471

excystation

Eimeria tenella 919*Giardia duodenalis* 1617

experimental infection 2582

Techniques cont.

experimental infection cont.

Eimeria apionodes 413*Leishmania braziliensis* 419fixation, *Trichomonas gallinae* 1621fluorescence microscopy, *Plasmodium**falciparum* 4675

HPLC 373

identification 1620

antigens 1779

Eimeria, oocysts 5123*Plasmodium* 4977*Plasmodium falciparum* 406*Trypanosoma cruzi*, kinetoplasts 4240

infection

Cryptosporidium parvum, mice 3005*Pneumocystis carinii*

mice 3334

rats 3335

isolation

Acanthamoeba culbertsoni 420*Cryptosporidium* 3337mitochondrial DNA, *Plasmodium**falciparum* 5125

peripheral blood mononuclear cells

2902

Plasmodium falciparum

blood 4247

trophozoites 5124

Plasmodium vivax, blood 4247*Pneumocystis carinii*, flow cytometry

4238

Pseudomicrothorax dubius 4671*Sarcocystis*, cysts 2467*Theileria parva*, DNA libraries 4677*Trichomonas vaginalis*, DNA 3749*Trypanosoma brucei* 4070*Trypanosoma cruzi* 1619

blood 1997

measurement

ELISA, isometamidium, serum 2452

Naegleria fowleri, migratory response

3767

microscopy

Plasmodium 426

protozoa 1623

molecular genetics 3782

monitoring, parasitaemia, flow cytometry

2850

polymerase chain reaction 4250

DNA amplification, *Leishmania* 2564

preparation, blood, polymerase chain

reaction 3336

preservation

faeces 921

free living amoebae 2905

Theileria annulata, live vaccines

4248

purification

Acanthamoeba culbertsoni 420

antigens 1779

Eimeria tenella 3329

enzymes 926

mitochondrial DNA 410

Sarcocystis, sporozoites 1255*Theileria parva*, schizonts 1253*Trypanosoma brucei*, ribonucle-

oproteins 2466

Trypanosoma cruzi, trypomastigotes

1618

quantification

antimalarials

serum 1624

urine 1624

glycolysis, *Plasmodium berghei* 4680*Theileria parva*, schizonts 1253radiolabelling, *Plasmodium falciparum*,

phospholipids 3750

repeatability analysis, oocysts, faeces

5133

riboprinting, *Entamoeba gingivalis* 3631

sampling

oocysts 995

parasites 924

vectors 924

screening, antimalarials 5121

selection, *Plasmodium falciparum*, phe-

notypes 4673

separation

erythrocytes, *Plasmodium* 4239*Pneumocystis carinii*, dialysis 3748

Techniques cont.

- staining
 - Cryptosporidium* 2920, 3349, 3756, 4681
 - Cryptosporidium parvum*, sporozoites 3752
 - DNA, *Acanthamoeba castellanii*, amitosis 1452
 - free living amoebae 2905
 - Giardia duodenalis* 4681
 - Giardia muris*
 - fluorogenic dyes, cysts 4243
 - propidium iodide, cysts 4242
 - Leishmania*, phagocytosis 3968
 - photoirradiation, red blood cells 847
 - Plasmodium*, blood 4682
 - Pneumocystis carinii* 428, 434, 2470, 2910, 2921-2922, 3753, 4251, 4264, 5128, 5132
 - polyacrylamide gels, kDNA 2464
 - protozoa 1623
 - faeces 4244
 - spores 2908
 - statistical methods, parasites 2909
 - studying
 - cerebral malaria 4918
 - Leishmania*, adherence 2468
 - testing
 - antimalarials 3750
 - antiprotozoal agents 1591, 3330
 - in vitro* 1987
 - drug resistance
 - diminazene, *in vitro* 2454
 - isometamidium, *in vitro* 2454
 - Plasmodium*, drug resistance 5077
 - trypanocides 892

Temperature

- Acanthamoeba castellanii*, fatty acids, synthesis 3139
- Plasmodium berghei*, *Mus musculus* 1208

Tenebrio molitor

- Gregarina*, host parasite relationships 4584
- Gregarina niphandrodes*, new species, USA 2153

Terminology

- parasitology 1639, 3358
- Pneumocystis carinii*, ultrastructure 4830
- spherical bodies, Apicomplexa 4380

Terramycin (see oxytetracycline)**Testosterone**

- Plasmodium chabaudi* 192, 3541
- Plasmodium falciparum* 1112
- Trypanosoma evansi*, mice 669

Tetracycline

- mefloquine, interactions, *in vitro* 3300
- Plasmodium*, man 5054

Tetracyclines

- Entamoeba histolytica*, *in vitro* 3293
- Giardia duodenalis*, *in vitro* 3293
- Leishmania major*, *in vitro* 3293
- mode of action 3293
- reviews 1989
- Trichomonas vaginalis*, *in vitro* 3293

Tetrahymena pyriformis, mice, immune response, *Toxoplasma gondii* 3956***Tetrahymena pyriformis***

- chloroquine, autophagy 4650
- Listeria monocytogenes*, interactions 1326
- molecular biology, space flight 1638
- morphology, space flight 1638
- physiology, space flight 1638

Tetrao tetrix

- Eimeria*, France 1311
- Leucocytozoon loatii*, sexual selection 4097

Tetratrichomonas gallinarum

- ducks, pathogenicity 3571
- geese, pathogenicity 3571

Tetratrichomonas microti, *Microtus*

- montebelli*, Japan 531

Thailand

- Anopheles*, reviews 311
- Babesia canis* 4755
- Cryptosporidium*, man 3803
- diarrhoea, man, epidemiology 1901
- dogs 4755
- Eimeria bareillyi*, buffaloes, reviews 38
- Entamoeba histolytica*, man 3803
- Giardia duodenalis*
 - man 1115, 3803

Thailand cont.

- Giardia duodenalis* cont.
 - man cont.
 - epidemiology 1901
- Hennegoides longitudinalis*, new genus, new species, *Osphronemus gourami* 2158
- Hepatozoon canis* 4755
- Microsporidium arthuri*, *Pangasius sutchi* 1053
- Naegleria fowleri*, man 31
- Plasmodium*
 - man 2950
 - control 916, 2926, 4289
 - economic analysis 4785
 - economic impact 4289
 - epidemiology 817, 2926
 - health centres, economic analysis 4785
 - social impact 4289
- Plasmodium falciparum*
 - drug resistance
 - mefloquine 353, 1547
 - pyrimethamine sulfadoxine mefloquine 3690
 - man 3641, 3722, 4168, 4196, 4688
 - epidemiology 815
 - protozoa, man 411
- Sphaerospora epinepheli*, new species, *Epinephelus malabaricus* 2157
- Trypanosoma evansi*, buffaloes, reviews 38

Thalassaemia

- Plasmodium falciparum* 1403
- man, immunity 1408

Thamnophis proximus, *Eimeria serpentina*, new species, USA 589**Thapsigargin**, *Trypanosoma brucei* 3581**Theileria**

- Boophilus microplus*, Malaysia, transmission 3221

cattle

- Africa
 - control 841-842, 1538, 3675
 - epidemiology 801, 837
- Asia, control 3675
- control 910, 1132, 1628
 - reviews 1536
- diagnosis 941, 1628
- drug therapy 901, 3245, 3708
- epidemiology 802
- haematology 1959, 3221
- immunization 187, 2214
- India 1295
- Kenya 504, 1004
- Malawi, control 840
- Malaysia, epidemiology 3221
- Papua New Guinea, reviews 4320
- pathogenesis 1132
- Saudi Arabia 3401
- treatment 1959
- Uganda 509
- Zaire, epidemiology 2336
- Zimbabwe, epidemiology 2065
- dromedaries, Egypt 3882
- enzymes 4529
- Haemaphysalis bispinosa*, Malaysia, transmission 3221
- Ixodidae, Zaire, transmission 2336
- livestock, Kenya 1293
- lymphocytes, host parasite relationships 4529

Theileria annulata

- antigens 2190
- genes 250
- buparvaquone, *in vitro*, mode of action 4995

cattle

- Africa, control 1918
- Asia, control 1918
- control, reviews 1413, 1539, 1917
- diagnosis, reviews 1917
- drug therapy 511, 2362, 4150, 4153
- epidemiology 5033
- Europe, control 1918
- immune response 1793, 2191
- immunization 182, 693, 1107, 1384, 1822, 1918, 3550, 3707
- reviews 1917, 4465
- immunology 114, 186
- India 2964, 4742

***Theileria annulata* cont.**

- cattle cont.
 - Iran 511
 - Mauritania 1700
 - pathogenesis, reviews 4465
 - pathology 2081
 - prophylaxis 3707, 4180
 - Saudi Arabia 3401
 - Sudan 2067
 - culture techniques 932, 1995
 - enzymes 4949
 - Hyalomma anatolicum*, transmission 1183, 5033
 - immune response 147
 - immunocompromised hosts
 - mice
 - immune response 4884
 - susceptibility 4884
 - interferon, *in vitro*, trophozoites 2687
 - interleukin 1, *in vitro*, trophozoites 2687
 - interleukin 2, *in vitro*, trophozoites 2687
 - leukocytes
 - enzymes 2724
 - phosphoproteins 2724
 - life history 3761
 - in vitro* 2014
 - live vaccines, techniques, preservation 4248
 - lymphocytes, host parasite relationships, *in vitro* 4995
 - molecular genetics, antigens 250
 - nucleotide sequences 256
 - recombinant vaccines, *Theileria parva* 1413
 - tumour necrosis factor, *in vitro*, trophozoites 2687

Theileria bovis

- antigens 1385
- cattle, immunization 690
- Theileria lawrencei*, cattle, diagnosis 4687

Theileria buffeli

- antigens 2673
- chemotaxonomy 2673
- erythrocytes, host parasite relationships 4505
- proteins 4505

Theileria hirci

- goats
 - India, new geographic records 1688
 - Saudi Arabia, new geographic records 3401
- sheep, Saudi Arabia, new geographic records 3401

Theileria lawrencei

- antigens 1385
- cattle, immunization 683
- Rhipicephalus*, experimental infections 3660
- zebu, immunization 685

Theileria mutans, cattle, Senegal 481, 2052***Theileria orientalis***

- antigens 2673
- buffaloes, Indonesia 997
- chemotaxonomy 2673
- erythrocytes, host parasite relationships 4505
- proteins 4505

Theileria ovis

- goats
 - Saudi Arabia, new geographic records 3401
 - Senegal 481, 2052
- sheep
 - Saudi Arabia, new geographic records 3401
 - Senegal 481, 2052

Theileria parva

- antigens 634, 1385
- sporozoites 3598
- cattle 958
 - Africa
 - control 1535, 2611
 - epidemiology 836
 - losses 2611
 - control 836
 - reviews 1413
 - development 836
 - drug therapy 5071
 - immunization 4019, 4026-4027
 - immune response 2668

Theileria parva *cont.*cattle *cont.*immune response *cont.*
reviews 1770immunization 679-683, 686-689, 691,
694

buparvaquone 4027

oxytetracycline 4019, 4026-4027
reviews 1770, 4465

Kenya, control 4019, 5071

major histocompatibility complex
1800

Malawi 505

control 1534

Mozambique 506

pathogenesis, reviews 4465

Rwanda, resistance 3105

Sudan 507, 2067

Tanzania 508

control 869, 1533

Zimbabwe 510

epidemiology 2065

chemotaxonomy 941

development, merozoites 3762

host parasite relationships, phagosomes
1888

immunocompromised hosts

mice

immune response 4884

susceptibility 4884

interferon, *in vitro*, trophozoites 2687interleukin 1, *in vitro*, trophozoites 2687interleukin 2, *in vitro*, trophozoites 2687

life history 3762

livestock, research 3364

lymphocytes, host parasite relationships
4586

nucleotide sequences 267

Rhipicephalus appendiculatus

Africa, transmission 836

DNA probes 435

Synceros caffer, cattle, cross immunity
4026

techniques

isolation, DNA libraries 4677

purification, schizonts 1253

quantification, schizonts 1253

Theileria lawrencei, cattle, diagnosis
4687tumour necrosis factor, *in vitro*, tropho-
zoites 2687

zebu

immunization 678, 684-685

Rwanda, resistance 3105

Tanzania, control 870

Theileria sergenti

antigens 2673

cattle

haematology 3135, 4312

Japan 1873

pathology 3126

chemotaxonomy 2673

DNA probes 1873

erythrocytes, host parasite relationships
4505, 4580*Haemaphysalis longicornis*, Japan 1519

monoclonal antibodies 4417

proteins 4505

Theileria taurotragi, cattle, Zimbabwe, epi-
demiology 5032***Theileria velifera***, cattle, Senegal 481, 2052***Thelohanellus kitauai***, control, *in vitro* 3677***Thelohanella fibrata***, *Simulium damnosum*,
Nigeria 2105***Thelohanella kaunensis***, new species,
Cyclops, Lithuania 2657***Thelohanella macrococcus***, nomenclature
3948***Theragra chalcogramma****Eimeria*, USA 2598*Goussia*, USA 2598*Pleistophora*, USA 550

protozoa 552

Sphaerospora, USA 550**Thiabendazole**

mode of action 4198

Pneumocystis carinii, *in vitro*, mode of
action 4198**Thrombospondin**, *Plasmodium falciparum*
2300**Thromboxanes**, *Toxoplasma gondii* 288**Thunnus alalunga**

Apicomplexa

New Zealand, geographical distribu-
tion 4775Southwest Pacific, geographical dis-
tribution 4775**Thymallus thymallus**

Myxozoa 2597

Sphaerospora truttae

Germany

new geographic records 4343

new host records 4343

Thymidine, *Entamoeba histolytica* 1241**Thymopentin**, *Leishmania major* 4015**Thymus gland**

extracts

Leishmania donovani

hamsters 871

mice 871

Thysanessa inermis, *Collinia beringensis*,
Bering Sea 3890**Tiamulin**, toxicity, fowls 388-389, 3317**Tickborne diseases**, sheep, general account
2987**Ticks** (*see* Acari and named genera)**Tilapia**, *Eimeria vanasi*, pathology 2159**Tilapia***Myxobolus dahomeyensis*, Benin, new
host records 1749*Myxobolus dossoui*, new species, Benin
1749**Tilapia nilotica**, *Cryptosporidium*, Egypt 547**Tilapia zillii***Myxobolus dahomeyensis*, Benin, new
host records 1749*Myxobolus dossoui*, new species, Benin
1749*Myxobolus heterospora*, Benin, new host
records 1749*Myxobolus microcapsularis*, new species,
Benin 1749*Myxobolus zillii*, new species, Benin
1749**Tinidazole**

chemistry 4225

*Entamoeba histolytica**Macaca fascicularis* 4310

man 2837, 2945

Giardia, man 2379*Giardia duodenalis*, man 2945

toxicity, man, treatment, Mildronate 4162

Tiostrea chilensis, *Bonamia*, development
2486**Togo***Glossina* 784, 951

control 399, 906

Plasmodium, man 2835*Plasmodium falciparum*, man 2401*Trypanosoma*

cattle, control 399

goats 493

livestock, epidemiology 784

ruminants 496

sheep 493

Trypanosoma congolense

cattle, control 906

livestock, history 951

trypanotolerance, ruminants 1040

Tolfenamic acid, *Leishmania*, dogs 5073**Toltrazuril***Eimeria* 348

cattle 3276

drug resistance 1970

fowls 1562

goats 2859

pigeons 5070

rabbits 4159

turkeys 1561

Eimeria acervulina, fowls 2817-2818*Eimeria maxima*, fowls 2817-2818*Eimeria necatrix*, fowls 2818*Eimeria tenella*, fowls 872, 2817-2818,
4152**Tomopterna cryptotis**, *Zelleriella sandoni*,
new species, South Africa 107**Tomopterna natalensis**, *Zelleriella gambieri*,
new species, South Africa 107**Tonsillitis**, *Toxoplasma gondii*, man, Egypt
990**Toxicity**

amodiaquine, man 4231

Toxicity *cont.*

amprolium, sheep 5116

antimalarials

man 4215

reviews 1988, 2885

benznidazole, man 3301

chloroquine

Cercopithecus aethiops 1594

fowls 5100

guineapigs 5099

man 1592, 1594, 1596, 1598, 1601,
1983, 2400, 3310, 3313, 3727,
3730, 4212, 4216, 4222, 4660,
5101

psoriasis 3721

treatment, chlorpheniramine 368

platelets 1597

rats 3719, 4658, 5095

coccidiostats, embryos 377

dapsone, man 1327, 5043

diclazuril, fowls 1231

dimetridazole, budgerigars 1991

diminazene

mice 4178

treatment, azathioprine 2402

furazolidone

cattle 395

turkeys 397

ganciclovir, man 1327

gossypol, mice 2423

halofantrine, man 1592, 4220

halofuginone

fowls 3321-3322

turkeys 1228

hydroxychloroquine

man 1983, 2400, 3310, 4660

reviews 3311

ionophores

cattle 2896

fowls 2896

isometamidium 2404

rats 2405

ketoconazole, man 3689

maduramicin

cattle 392, 3320, 3740

pigs 1233

sheep 3320

malachite green, rainbow trout 2440

mebendazole, rats 2895

mefloquine

man 376, 895, 1954, 2401, 3307,
4224, 4230

rats 900

meglumine antimonate, man 4653

melarsoprol

man 851, 853, 1237, 3315, 3738

mice 2349

mepacrine, man 5101

metronidazole, man 375

monensin

fowls 388-389, 2439, 3317, 3319

treatment, selenium 903

horses 4666

mice 1244

sheep 1603, 2428

turkeys 391

narsin, fowls 2438

nicarbazin, fowls 1230, 2438

nifurtimox, man 3301

pentamidine

aerosols, man 2875

man 888, 1327, 1566, 2874, 2886,
2891, 3312, 4218-4219, 4228-
4229, 4659

rats 2418

primaquine, man 4215

proguanil

man 3737

psoriasis 3721

pyrimethamine, man, treatment, folinic
acid 4217

pyrimethamine sulfadoxine, man 4215

pyronaridine

mice 1976

rats 1976

quinacrine, fowls 5100

quinine

man 2120, 2408, 2417, 2434, 4213

mice 3728

treatment

aminooxyacetic acid 5086

Toxicity cont.

- quinine *cont.*
 - mice *cont.*
 - treatment *cont.*
 - baclofen 5086
 - bicuculline 5086
 - diaminobutyric acid 5086
 - diazepam 5086
 - muscimol 5086
 - phenobarbitone 5086
 - rats 3728
 - robenidine, fowls 1559
 - salinomycin
 - cattle 392
 - turkeys 4667
 - sulfa drugs, man 4663
 - sulfadiazine, man 4214
 - sulfamethoxazole trimethoprim, man 2884
 - sulfaquinolaxaline, dogs 4233
 - suramin, man 2883, 3305
 - tiamulin, fowls 388-389, 3317
 - tinidazole, man, treatment, Mildronate 4162
 - trimethoprim
 - man 1327
 - treatment, folic acid 4217
 - trimethoprim sulfamethoxazole, man 367, 2368, 2432, 3734, 5043
 - tubercidin, mice 3253
 - zidovudine, man 1327
- Toxoglugea chironomi**
- cytology 3064
 - Dicrotendipes*, Sweden 3064
 - ultrastructure 3064
- Toxoplasma**
- Erethizon dorsatum*, USA, new host records 533
 - man
 - China 981, 985
 - pathology 981
 - poultry 1714
 - ruminants, immunology, reviews 1772
- Toxoplasma gondii**
- 566C80, *in vitro* 369
 - Alopec lagopus*, pathology 713
 - animals
 - epidemiology, reviews 4120
 - transmission, reviews 4120
 - antibodies 2702
 - in vitro* 3984
 - antigens 612, 1078, 1376, 1379, 2674, 2683, 2686, 2696, 3066, 3953, 4426
 - immunochemistry 2684
 - antiprotzoal agents
 - in vitro* 369
 - reviews 4227
 - Aotus lemurinus*
 - immunization 177
 - susceptibility 177
 - aprinocid-*N*-oxide, *in vitro* 369
 - azithromycin, *in vitro* 369
 - birds, Australia, zoological gardens 2589
 - bone marrow transplant, man, reviews 2145
 - camels, Sudan 4767
 - canaries, New Zealand 3885
 - Canis familiaris dingo*, Australia 2991
 - cats 524, 2578, 3421, 4325
 - general account 2999
 - haematology 1437
 - immunization 1415
 - immunodiagnosis 1397, 3534, 3537, 4866
 - immunosuppression 4441
 - India 3426
 - Italy 2998
 - Japan 2083, 3193
 - USA 54, 1015, 1302, 1350, 3874, 4104
 - zoonoses 1532, 3055
 - cattle
 - Brazil 3858
 - Costa Rica 44
 - Greece 4746
 - immune response 2967
 - immunization 1110
 - pathology 2967
 - reviews 1831
 - Romania 999
 - USA 2073

Toxoplasma gondii cont.

- cattle *cont.*
- USA *cont.*
 - new geographic records 4316
- Cebus albifrons*, Colombia, zoological gardens 2963
- Cebus apella*, Colombia, zoological gardens 2963
- Cebus capucinus*, Colombia, zoological gardens 2963
- cell cultures, infectivity, *in vitro* 4568
- cell invasion 3637
- cellular biology 571
- chemotaxonomy, restriction fragment length polymorphism 251
- circulating antigens 4437
- clindamycin, *in vitro* 4209
- cloning 4068
- culture techniques 2943, 4246
- diagnosis 441, 4068
- Didelphis virginiana*, USA 4104
- DNA libraries 3164
- DNA probes 2476
- dogs
 - Belgium 1307
 - Israel 3873
 - Malaysia 1303
 - pathology 713
 - USA 2997
 - zoonoses 1532
- drug resistance, sulfadiazine 3711
- ducks, China, epidemiology 2309
- enzymes 2295
- Eos bornea*, USA 4341
- Epstein-Barr virus, man, interactions 2936
- Erethizon dorsatum*, pathology 533
- fatty acids 1141
- Felidae, immunodiagnosis 3534
- feline immunodeficiency virus
 - cats 95
 - immunology 2168
- ferrets 55
- fowls
 - Brazil 2591
 - China, epidemiology 2309
 - Yugoslavia 2590
- general account 3032
- genes, nomenclature 1861
- glycolipids 4521
- goats
 - abortion 212, 4499
 - Germany, zoonoses 2342
 - immunodiagnosis 1084
 - Mozambique 3869
 - New Zealand 1084
 - pathology 4911
 - Sri Lanka 3854
 - transmission 1184
- guineapigs
 - passive immunization 4463
 - transmission 3426
 - UK 1022
- Hammondia hammondi*, antigens, cross reaction 4437
- horses
 - diagnosis 3342
 - UK 45
- host parasite relationships 1487, 1892, 4096
 - in vitro* 291, 1891
 - rhoptries 1484
- human fibroblasts, host parasite relationships 2295
- human immunodeficiency virus
 - interactions, mathematical models 2781
- man 2148
 - Austria 2648
 - Brazil 2128
 - congenital infection 3909
 - Denmark 3930
 - diagnosis 939, 2045, 2943, 3340, 4363
 - reviews 5131
 - drug therapy 576-577, 1937, 1949, 2829, 2848, 3263, 4143, 4214, 4625
 - France 1745, 3470, 3528, 3925-3927, 4804
 - Germany 3466

Toxoplasma gondii cont.

- human immunodeficiency virus *cont.*
- man *cont.*
 - immune response 2045, 2174, 3528, 4359
 - immunodiagnosis 165, 647, 1395, 2706
 - Italy 2615
 - epidemiology 5003
 - misdiagnosis 939
 - Netherlands 2649, 3459
 - pathology 583, 702, 2147
 - prophylaxis 2136, 2829, 3260, 4155, 4800-4801, 5065
 - reviews 1921
 - reviews 1737, 2131, 3795, 4803
 - Spain 2642, 4363
 - treatment, toxicity, pyrimethamine 4217
 - Uganda 1044
 - UK 93, 1047, 2628, 4367
 - USA 575, 2621, 3464, 4808
 - reviews 3914
 - Zambia 1044
- immune response 1068
- in vitro* 1382
- immunocompromised hosts
 - man
 - Argentina 1331
 - diagnosis 2045, 2943
 - drug therapy 4648
 - immune response 2045
 - immunotherapy, reviews 3962
 - pneumonia 4362
 - reviews 578
 - Switzerland 3463
 - UK 2635, 4811
 - USA 3039
 - mice, immunotherapy 1541
- immunology 608
- infectivity, gamma radiation 3184
- interferon, *in vitro* 1378
- L-651,582, *in vitro*, mode of action 3732
- Leishmania major*, mice, interactions 1120
- life history 1632
- livestock
 - China 513
 - immunodiagnosis 3536
 - Lithuania, epidemiology 3226
- Macaca fascicularis*
 - immunodiagnosis 2049
 - Malaysia 2049
- Macaca nemestrina*
 - immunodiagnosis 2049
 - Malaysia 2049
- macrophages
 - host parasite relationships 3642
 - in vitro* 3642
- man 78, 4325
 - Austria 3847
 - Bahrain 3846
 - Belgium 425
 - Central African Republic, epidemiology 1506
 - China 513, 2507, 4718
 - epidemiology 2309
 - Congo, epidemiology 1507
 - control, reviews 323
 - diagnosis 425, 473, 2003, 2543, 2917, 3123, 3164, 3344, 4249, 4261, 4263, 5130, 5137
 - reviews 2002, 4257
 - drug therapy 1953, 4158, 4161, 4208, 4704
 - reviews 1943, 2002, 2374
 - epidemiology, reviews 4120
 - eyes 3396
 - France 1665-1666, 2536, 2917, 3833, 3992
 - general account 3453
 - host parasite relationships 288
 - immune response 144, 288, 1376, 1766, 2670, 3066, 3999, 4438, 4847
 - immunity, reviews 4011
 - immunodiagnosis 473, 1097, 1394, 1805, 2128, 2193, 2683, 2701-2703, 3100-3101, 3533, 3989, 3992, 3994, 3997-3999, 4001,

***Toxoplasma gondii* cont.**

man cont.

immunodiagnosis cont.

4442, 4448, 4865, 4869, 4876,
4878-4880

reviews 4257

India 2935, 5010

epidemiology 1663

Italy 2048, 3796-3797, 3848

control 2899

epidemiology 2311

Jamaica 2940

Netherlands 4295

epidemiology 4109

Nigeria, epidemiology 5008

pathology 2955, 3123

pregnancy, diagnosis 2731

prophylaxis, reviews 1943

reviews 1321, 4351

Singapore 2548

Sudan, epidemiology 4599

Sweden 2947

transmission 2809

prevention 4119

reviews 4120

Turkey 4300

UK 473, 2040, 2543, 2936, 2956,
4297

epidemiology 4108

USA 2948

Zaire 465

epidemiology 1505

zoonoses 2340

manures 1902

Martes

Germany 2993

nervous system diseases 84

Mephitis mephitis*, USA 4104*mice**

development 1632

diagnosis 4539

drug therapy 338-339, 1545, 4140-
4141, 4147

histopathology 1120

immune response 645, 1078, 2672,
2697, 3530, 3969, 3978, 4416

experimental infections 4036

immunity 657, 3530, 4010, 4457

T lymphocytes 1099

immunization 1102, 1815-1816

immunodiagnosis 2201, 3978, 4437

immunopathology 4844

immunostimulation 645

Tetrahymena piriformis 3956

infectivity 4326

pathogenesis 4016, 4498

pathogenicity 3858, 4047

pathology 1119, 1129, 2229

pregnancy, susceptibility 3985

resistance 1398, 1401, 3539, 4004,
4014, 4016

USA 4104

molecular karyotypes 3611

monoclonal antibodies 2674

***Mus*, China 2579**

nucleotide sequences 251, 2768, 4539

pathogenicity, *in vitro* 4049pentamidine, *in vitro* 1979***Phascogaster cinereus***

pathology 3883

zoological gardens, USA 3883

phospholipids 1141

pigmeat, freezing 3180

pigs

Canada 2983

China, epidemiology 2309

diagnosis 197, 3164

Hawaii 3862

immunization 1104

immunodiagnosis 655, 1086, 1396,
2983

Malaysia 2061

pathology 197

USA 483

epidemiology 4104

polymerase chain reaction 2476

Presbytis cristata

immunodiagnosis 2049

Malaysia 2049

Procyon lotor

USA 4104

Toxoplasma gondii* cont.**Procyon lotor* cont.**

USA cont.

prevalence 3431

proteins 232, 1892

rabbits

Egypt 4451

immune response 3090

immunodiagnosis 2205, 3090, 4437,
4451

transmission 3226, 3426

rats

immunity 1400

pathogenicity 4047

transmission 1400

USA 4104

***Rattus*, China 2579**

restriction fragment length polymorphism

251

rhoptry organelles 4531

sheep

abortion 212

Brazil 2568

Canada 4751

diagnosis 938

general account 2985

Germany, zoonoses 2342

immunization 185

immunodiagnosis 1091, 2205, 4866

Mexico, epidemiology 2573

Mozambique 3869

New Zealand 2567

Niger 2989

Romania 999

zoonoses, general account 3231

techniques

cryopreservation 3747

detection, reviews 5131

tonsillitis, man, Egypt 990

Tursiops truncatus, USA 3011

ultrastructure, cysts 2967

Toxoplasma hammondi

cats, India 3426

guineapigs, transmission 3426

rabbits, transmission 3426

Traditional medicines, diarrhoea, man,

Uganda 5056

***Tragelaphus scriptus*, *Trypanosoma*, Burkina**

Faso 1699

Training, parasitology 449**Trans-splicing***Leptomonas collosoma* 1479*Trypanosoma brucei* 1451*Trypanosoma cruzi* 746, 1479**Transcription***Leishmania amazonensis* 1874*Leishmania major* 1874*Plasmodium falciparum* 3622*Trypanosoma brucei* 749, 1150, 3618,
3620, 4075, 4087

heat shock proteins 1451

Trypanosoma cruzi 746*Trypanosoma rhodesiense* 2266**Transfection***Leishmania* 1874*Leishmania amazonensis* 4958*Theileria parva* 634**Transfer RNA, *Trypanosoma brucei* 3627****Transferrin***Leishmania infantum infantum* 4054*Leishmania major* 4054**Transformation***Leishmania donovani* 270*Trypanosoma cruzi* 5096**Transforming growth factor, *Trypanosoma****cruzi* 139**Translation, *Sarcocystis*, *in vitro* 3170****Transmission***Acanthamoeba*, pigs, experimental infec-
tions 4483***Babesia****Hyalomma truncatum* 818

Ixodidae, Zaire 2336

man 321

Babesia bigemina, cattle 2339*Babesia bovis*, *Boophilus microplus*,
South America, mathematical mod-
els 4111*Balantidium*, man, nosocomial infections

4352

Transmission cont.***Besnoitia***

cattle, Canada 2308

Odocoileus hemionus, Canada 2308***Crithidia bombi*, *Bombus terrestris* 1354*****Cryptosporidium***

man 830, 1909, 2334

nosocomial infections 4352

reviews 1910

water, reviews 830

Culicidae, salivary glands 1522

Dermocystidium salmonis*, *Oncorhynchus

5030

Eimeria vermiformis* 2330**Endolimax nana*, *Blattella germanica* 827*****Entamoeba*, *Blattella germanica* 827*****Entamoeba histolytica***

man 3223

nosocomial infections 4352

Giardia duodenalis

man

mathematical models 416

nosocomial infections 4352

water, Canada 306

Hepatozoon*Aedes aegypti* 318*Ornithodoros turicata* 318human immunodeficiency virus, *Enta-**moeba histolytica* 574***Isospora belli*, man, nosocomial infec-****tions 4352*****Leishmania***

human activity 3663

Lutzomyia, reviews 3212

man 4124

Belgium 2522

Sudan 2932

Phlebotomus

Egypt 4126

India 1896

mathematical models 5001

Leishmania amazonensis*, *Lutzomyia***flaviscutellata*, Brazil 2031*****Leishmania braziliensis***

dogs, Brazil 2314, 4612

horses, Brazil 2314

Lutzomyia, Brazil 4612*Lutzomyia ovallesi* 816***Leishmania donovani*, *Phlebotomus******orientalis*, Sudan 4610*****Leishmania infantum infantum****Phlebotomus ariasi*, Portugal 314*Phlebotomus perniciosus*, Malta 313***Leishmania major*, *Phlebotomus******papatasi*, Israel 316*****Leishmania tropica*, *Phlebotomus*, Kenya**

319

Microspora*, *Gammarus duebeni* 829**Myxobolus pavlovskii*, *Tubifex tubifex*****1261*****Nosema pyrausta*, *Ostrinia nubilalis* 2108**

parasites 3504

ecology 3186

man, reviews 3224

Parathelohania obesa*, *Anopheles***quadrinaculatus* 315*****Plasmodium******Anopheles***

Asia 1913

Cameroon 4602

China 2806, 3210

India 4999

mathematical models 4113

reviews 3220

***Anopheles dirus* 817**

Africa 1914

Asia 1914

India 5016

Anopheles gambiae*, Gambia 5025**Anopheles hermsi*, USA 1523*****Anopheles maculatus*, Malaysia 835*****Anopheles minimus*, India 1671*****Anopheles neivai*, Colombia 309*****Anopheles stephensi*, India 5020**

birds 2925

human activity 3663

man 835, 4715

USA 4122-4123

Plasmodium berghei* 446**Anopheles stephensi* 4116**

Transmission cont.

- Plasmodium falciparum*
- Anopheles* 815, 4608
 - Burkina Faso 1494
 - Italy 1906
 - Kenya 3659
 - Madagascar 789
- Anopheles darlingi*, Suriname 4115
- Anopheles gambiae*, Burkina Faso 3651
- Anopheles mascarensis*, Madagascar 3222
- Anopheles stephensi* 806, 4613
 - man 1494, 1907-1908, 3228, 3651
 - heart transplant 2545
 - Italy 1906
- Plasmodium gallinaceum*, fowls 1911
- Plasmodium vivax*
- Anopheles* 4734
- Anopheles darlingi*, chloroquine 1526
 - man 1908
 - mathematical models 3227, 5028
- Pneumocystis carinii*
 - immunocompromised hosts, man, Switzerland 2333
 - man 584
 - rats 2804
- protozoa
 - aquatic organisms, acclimatization, reviews 4597
- Blattaria* 1178
- fishes, acclimatization, reviews 4597
- man, nosocomial infections 4614
- Tabanidae*, reviews 3211
- water, UK 2337
- Sarcocystis*, man, reviews 3669
- Sarcocystis capracanis*
 - goats 5014
 - sheep 2976
- Sarcocystis falciculata*
 - Blattaria*, USA 4337
 - opossums, USA 4337
- Theileria*
 - Boophilus microplus*, Malaysia 3221
 - Haemaphysalis bispinosa*, Malaysia 3221
 - Ixodidae*, Zaire 2336
- Theileria annulata*, *Hyalomma anatolicum* 1183, 5033
- Theileria parva*, *Rhipicephalus appendiculatus*, Africa 836
- Toxoplasma*
 - guineapigs 3426
 - rabbits 3426
- Toxoplasma gondii*
 - animals, reviews 4120
 - goats 1184
 - man 2809
 - prevention 4119
 - reviews 4120
 - rabbits 3226
 - rats 1400
- Trichodina xenopodis* 105
- Trichomonas vaginalis*
 - man 2329
 - India 3199
- Trypanosoma*
 - Culicoides nubeculosus* 312
 - Glossina*, Zaire 2335
 - Glossina palpalis* 832
 - Congo 4125
 - human activity 3663
 - Tabanus*, Zaire 2335
 - Trypanosoma catostomi*, *Actinobdella inequianulata*, Canada 5024
 - Trypanosoma chrysemydis*, *Placobdella ornata* 5022
 - Trypanosoma congolense*
 - Glossina morsitans* 819
 - n'dama 832
 - Trypanosoma cruzi*
 - dogs, Argentina 2306
 - immunocompromised hosts, man 3225
 - man 1186, 1286
 - Central America 2544
 - North America 2544
 - South America 2544
 - Triatoma infestans*, Argentina 5027
 - Triatominae*, Brazil 1529
 - Trypanosoma evansi* 1631

Transmission cont.

- Trypanosoma evansi* cont.
 - rabbits 2803
- Tabanus*, *Stomoxys*, India 2972
- Trypanosoma gambiense*, *Glossina*, Central African Republic 5018
- Trypanosoma (Megatrypanum)*, *Lipoptena cervi* 1185
- Trypanosoma murmanensis*, marine fishes, Canada 4615
- Trypanosoma phaleri*, *Desserobdella phalera* 5142
- Trypanosoma pipientis*, *Desserobdella picta* 5022
- Trypanosoma punctati*, *Hemiclepsis marginata* 67
- Trypanosoma rhodesiense*, Zambia 2302
- Trypanosoma vivax*, n'dama 832
- Vairimorpha antheraeae*, *Mamestra brassicae* 2223
- Transmission blocking immunity**, *Plasmodium vivax* 4883
- Transmission electron microscopy**
 - Cryptosporidium* 2585
 - oocysts 2664
- Transovarial transmission**, *Babesia caballi*, *Hyalomma truncatum* 1187
- Transplacental transmission**
 - Neospora caninum*, goats 4740
 - Toxoplasma gondii* 4119
 - guineapigs 1022
 - man 4249
- Transposable elements**, *Crithidia fasciculata* 2277
- Travel**
 - diarrhoea, man 3850
 - Plasmodium*
 - man 2813, 4616
 - prophylaxis 2828
 - Plasmodium falciparum*, man 2929
- Travel medicine** 1172
 - conferences 2929
 - man, developing countries 1274
 - Plasmodium* 334, 4630
 - USA 334
- Treatment**
 - Babesia*, cattle 1959
 - Blastocystis hominis*, man 3268
 - Cryptosporidium*
 - cattle 1300
 - hyperimmune milk 5038
 - immunocompromised hosts, man 2833, 3849
 - man 2372
 - Entamoeba histolytica*, man 1824, 3757, 3842
 - Giardia*, dogs 873
 - Isospora*, hyperimmune milk 5038
 - Leishmania*
 - dogs 5073
 - man 340, 1195, 4639
 - Leishmania tropica*, man 5048
 - parasites
 - Epinephelus* 2823
 - man, reviews 2918
 - Piscinoodinium*, *Puntius gonionotus* 328
 - Plasmodium*
 - man 2835, 2850
 - reviews 1214
 - toxicity, chloroquine 368
 - Plasmodium berghei*
 - mice 847
 - Mus musculus* 1208
 - Plasmodium falciparum*
 - man 1196, 1199, 2839, 3249, 3786, 4149, 4164, 5053
 - reviews 3705
 - Plasmodium yoelii*, mice 847
 - Pneumocystis carinii*
 - human immunodeficiency virus
 - man 1327, 2369, 2834, 2844, 3051
 - reviews 2640
 - toxicity, trimethoprim 4217
 - immunocompromised hosts, man, Japan 3682
 - man 3480
 - mice 2822
 - Theileria*, cattle 1959

Treatment cont.

- Toxoplasma gondii*, human immunodeficiency virus, man, toxicity, pyrimethamine 4217
 - Trichomonas vaginalis*, man, toxicity, tinidazole 4162
 - Trypanosoma brucei*, mice, toxicity, azathioprine 2402
 - Trypanosoma cruzi*, man 2860
 - Trematodus bernacchii*
 - Ceratomyxa*, Antarctica, new host records 790
 - Henneguya*, Antarctica, new host records 790
 - Myxoproteus*, Antarctica, new host records 790
 - parasites, Antarctica 790
 - Zschokkella*, Antarctica, new host records 790
 - Triactinomyxon legeri*, ultrastructure, developmental stages 4390
 - Triatoma*
 - Brazil, control 3742
 - Trypanosoma cruzi*, diagnosis 3339
 - Triatoma infestans*
 - Argentina
 - control 3213, 3664
 - monitoring 3664
 - Blastocrithidia triatomae*
 - haemolymph, amino acids 310
 - pathogenicity 2734
 - dogs, Argentina 3415
 - South America, control 3671
 - Trypanosoma cruzi*
 - Argentina 2306, 4595
 - transmission 5027
 - diagnosis 4250
 - experimental infection 4112
 - host parasite relationships 945
 - isolation 1619
 - xenodiagnosis 3338, 4689
 - Trypanosoma rangeli*, immune response 320, 821
- Triatoma sordida*, Brazil 3217
- Triatominae*
 - Trypanosoma cruzi*
 - Brazil, transmission 1529
 - host parasite relationships 1521
 - xenodiagnosis 3219
- Triazines**, mode of action 2414
- Triazoles**, *Eimeria* 2821
- Trichodina**
 - freshwater fishes, Namibia 3943
 - Labridae*, fish farms 65
 - marine fishes, Taiwan, fish farms 3021
 - Salmonidae*, South Africa 2100
- Trichodina domerguei*
 - Cyprinion macrostomum*, Iraq, new records 551
 - Liza abu*, Iraq 555
- Trichodina frenata*, new species, *Aethiomas-tacembelus frenatus*, Namibia 3943
- Trichodina kalimbeza*, new species, *Hemigrammocharax multifasciatus*, Namibia 3943
- Trichodina kwando*, new species, *Brycinus lateralis*, Namibia 3943
- Trichodina linyanta*, new species, *Oreochromis andersoni*, Namibia 3943
- Trichodina microspina*, new species, *Ctenopoma multispine*, Namibia 3943
- Trichodina ngoma*, new species, *Hemigrammocharax multifasciatus*, Namibia 3943
- Trichodina nkasa*, new species, *Synodontis macrostigma*, Namibia 3943
- Trichodina prowazeki*, *Rutilus rutilus*, Czechoslovakia, new geographic records 2098
- Trichodina sangwala*, new species, *Schilbe mystus*, Namibia 3943
- Trichodina truttae*
 - Atlantic salmon, Canada 2599
 - morphology 2104
- Oncorhynchus keta*, Japan, new geographic records 2104
- Trichodina xenopodis*
 - morphology, redescrptions 105
 - transmission 105
- Xenopus laevis*, South Africa 105
- Trichogaster trichopterus*, *Ichthyophthirius multifiliis*, drug therapy 4136

Trichomonas

- fowls, USA, general account 3252
- man, control, reviews 323
- mice 1021
- pheasants, drug therapy 1215
- pigeons, Czechoslovakia 4336
- poultry 1713
- turkeys, drug therapy 1215
- Trichomonas anseris**, geese, Poland, new geographic records 2594
- Trichomonas gallinae**
 - Amazona aestiva*, USA 3435
 - fixation 1621
 - oestrogen 1146
 - pigeons 4772
 - USA 1313
- Trichomonas hominis**
 - man 976
 - China, diarrhoea 1282
 - diarrhoea 1282
 - Kenya 14
- Trichomonas intestinalis**, man, Tunisia 3812
- Trichomonas tenax**
 - enzymes 216
 - pathogenicity 216
- Trichomonas vaginalis**
 - amino acids, analogues, *in vitro*, mode of action 4662
 - antibodies 2184
 - arthritis, man, Italy 2558
 - bacteria, interactions, *in vitro* 85
 - benzimidazoles 1242
 - berberine sulfate, *in vitro*, mode of action 1587
 - chemotaxonomy 4982
 - culture techniques 439, 2906-2907
 - cytopathology, *in vitro* 1131
 - detection, polymerase chain reaction 2463
 - DNA 1464, 3749
 - drug resistance, metronidazole 4187
 - econazole, *in vitro* 1973
 - Enterococcus*, mice, interactions 4355
 - enzymes 226, 926, 1846, 4662, 4924
 - hydrogenosomes 1057
 - growth, *in vitro* 2754
 - host parasite relationships 778
 - adhesion 4990
 - imidazoles, *in vitro* 3297
 - man 11
 - Africa, epidemiology 3825
 - Botswana 1656
 - diagnosis 439, 1095, 2477
 - drug therapy 375, 2377, 3262, 4187, 5042
 - immune response 2181, 2184
 - immunodiagnosis 1095, 2477, 4449
 - India 1655, 3374
 - epidemiology 3199
 - Kenya 22
 - Nigeria 4727
 - pathogenicity 4496
 - reviews 1657
 - Sudan 3386
 - transmission 2329
 - treatment, toxicity, tinidazole 4162
 - USA 375, 2328
 - epidemiology 5005
 - mice
 - drug therapy 2741
 - pathogenicity 2741, 4982
 - prophylaxis 4982
 - miconazole, *in vitro* 1973
 - neoplasms, man, Italy 3908
 - nucleotide sequences 1464
 - nucleotides, hydrogenosomes 1057
 - oestrogen 1146
 - pathogenicity, *in vitro* 2240
 - polyisobutylcyanoacrylate nanoparticles, *in vitro* 1990
 - proteinases 2184
 - Staphylococcus aureus*, mice, interactions 4355
 - surface antigens 142
 - techniques, isolation, DNA 3749
 - tetracyclines, *in vitro* 3293
 - trichomycins 3715-3716
 - ultrastructure 1055
 - hydrogenosomes 1057
 - viruses 742
 - interactions, reviews 3034

Trichomycins, *Trichomonas vaginalis* 3715-3716**Trichopol** (see metronidazole)**Trichostrongylidae**, *Eimeria*, goats, haematology 1301**Trichosurus vulpecula**, *Giardia duodenalis*, New Zealand 3877**Tricornia muhezeae**, new genus, new species, *Mansonia africana*, Tanzania 4374**Tridazole-500** (see tinidazole)**Trifluoperazine**

- drug resistance
 - chloroquine 2862
 - pyrimethamine 2862

Trimethoprim

- drug residues, fowls 5117
- Plasmodium falciparum*, man 1924
- Pneumocystis carinii*
 - human immunodeficiency virus, man 1327
 - in vitro* 898
- protozoa, man 1924
- Sarcocystis neurona* 3280
- sulfamethoxazole, *Leishmania donovani*, man 1950
- sulfaquinoxaline, *Eimeria tenella*, fowls 346
- toxicity
 - man 1327
 - treatment, folic acid 4217

Trimethoprim sulfadiazine, *Neospora caninum*, dogs 2390**Trimethoprim sulfamethoxazole**

- Blastocystis hominis*, man 2847
- Enterocytozoon bieneusi*, human immunodeficiency virus, man 3468
- man, prophylaxis, gram-negative bacteria 3309
- Plasmodium falciparum*
 - in vitro* 1569
 - man 1569
- Pneumocystis carinii*
 - human immunodeficiency virus, man 367, 1931, 2841, 3260, 3734, 4166, 5043, 5068
 - immunocompromised hosts, man 4177
 - man 345, 2368, 2432
 - reviews 3303
 - toxicity, man 367, 2368, 2432, 3734, 5043
- Toxoplasma gondii*, human immunodeficiency virus, man 3260, 4143

Trimetrexate

- Pneumocystis carinii*
 - human immunodeficiency virus, man 5061
 - in vitro* 898
 - man 1924

Trinidad and Tobago

- Blastocystis hominis*, man 478
- Entamoeba histolytica*, man 4716
- Trypanosoma cruzi*
 - man 2939
 - epidemiology 4600
- Triatominae 4600

Trisomy, *Trypanosoma brucei*, *Trypanosoma rhodesiense*, hybrids 3502**Trisopterus esmarkii**, *Microspora*, pathology 1424**Tritrichomonas**, horses, reviews 3407**Tritrichomonas foetus**

- antigens 614
- cattle 4750
 - abortion 213
 - control 168
 - diagnosis 943
 - immunodiagnosis 168
 - Malaysia, new geographic records 40
 - reviews 1831
- culture techniques 4268
- cytochemistry 243
- dromedaries, pathology 1422
- enzymes 1846
- immunoglobulins 1357
- oestrogen 1146
- proteinases, host parasite relationships 3644
- ribosomal RNA 4081
- Tritrichomonas muris**, *Microtus montebelli*, Japan 531

Tritrichomonas suis, pigs, Japan 1299**Troglodytella gabonensis**, new species, gorillas, Gabon 2660**Tropical diseases**

- books 962
- conferences 4708
- control 1034
- man 1284
 - conferences, USA 5157
- travel 2118-2120, 2166, 2374
- WHO 1264

Tropical medicine

- Europe 2016
- Japan, conferences 956
- Netherlands, history 2487-2488
- teaching, Latin America 4273

Tropics

- Cryptosporidium*, man, epidemiology, reviews 464
- Entamoeba histolytica*, man 24
- parasites
 - livestock 450
 - nutritional state 2123
- Plasmodium*
 - man 476
 - missionaries 1498

Trypacide (see quinapyramine)**Trypan blue**, *Babesia gibsoni*, dogs 2082**Trypanocides** (see also named drugs)

- mode of action 365, 3157, 3299, 3725, 5104
- techniques, testing 892

Trypanolysis, *Trypanosoma brucei* 1812**Trypanoplasma borreli**

- carp, life history 5143
- ultrastructure 3494

Trypanosoma

- Africa
 - control, reviews 3244
 - history 5148
- animals
 - diagnosis, reviews 2606
 - reviews 2113
- antigenic variation 1360
- reviews 2278
- antiprotozoal agents, mode of action, reviews 4942
- biochemistry 756
- birds
 - ecology 602
 - Ethiopia, checklists 4338
 - evolution 602
 - South Africa, epidemiology 3436
- Boophilus microplus*, Argentina 3661
- Bovidae, resistance 4887
- buffaloes, resistance 4887
- camels, Kenya 536
- cattle
 - Africa 499, 834
 - control 838
 - epidemiology 2203
- Chad 2066
- control
 - mathematical models 2345
 - reviews 1916
- Côte d'Ivoire 797
- diagnosis 1256
- drug therapy 857
- Gambia, epidemiology 2307
- Ghana, epidemiology 828
- immunodiagnosis 2203
- Nigeria 514
 - epidemiology 514
 - pathology 2226
 - prophylaxis 857
 - resistance, genetic polymorphism 2209
 - susceptibility, genetic polymorphism 2209
- Togo, control 399
- Zimbabwe, control 4618
- chemotaxonomy 767, 2283
- control 907, 1607
- DNA 1464
- dogs
 - Côte d'Ivoire 767
 - Liberia 767
- domestic animals, immunodiagnosis, reviews 1803
- drug therapy 5104
- evolution 1759, 3951

Trypanosoma cont.

- gene splicing 1459
- Glossina*
 - Africa 834
 - Côte d'Ivoire 767
 - Gambia 2283
 - host parasite relationships 2331
 - Liberia 767
 - Nigeria 514
 - Zaire, transmission 2335
- Glossina morsitans*, resistance 1904
- Glossina palpalis*, Congo, transmission 4125
- Glossina tachinoides*, Nigeria 3194
- goats
 - prophylaxis 2356
 - resistance 4458
- human immunodeficiency virus
 - Africa, epidemiology 1173
 - man
 - Cameroon 2531
 - Central African Republic 2531
 - Congo 2531
- immune response, mathematical models 4590
- immunocompromised hosts, man, immunological deficiency 87
- immunology 610
- lectins 752
- life history 3372, 4696
- livestock
 - immunodiagnosis 2195
 - research 3364
 - Somalia, computer models 929
- Lutzomyia*, Brazil 825
- man
 - Africa, control 838
 - Cameroon 2028, 3385
 - Congo, epidemiology 4125
 - control, water management 1992
 - Côte d'Ivoire 767
 - diagnosis, reviews 2606
 - drug therapy 2351
 - reviews 2374, 4145
 - epidemiology 3215
 - immunodiagnosis 2028, 2195
 - immunology 112
 - Japan 980
 - Liberia 767
 - molecular genetics, reviews 2603
 - reviews 1320
 - Zaire
 - control 2344
 - prevention 2344
 - Zambia, knowledge level 3645
- mice, drug therapy 2349, 2360
- Microtus montanus*, USA 3003
- molecular genetics 610, 756, 759, 3372
- reviews 2605
- n'dama
 - Gambia 2358
 - epidemiology 794
 - Mali, epidemiology 488
 - pathology 489, 2208
 - prophylaxis 2855
 - resistance, genetic polymorphism 2209
 - susceptibility, genetic polymorphism 2209
 - Zaire 708
 - epidemiology 2335
- nucleotide sequences 1464
- pigs
 - Côte d'Ivoire 767
 - Liberia 767
- poultry 1714
- reports 4279-4282
- RNA 2774
- ruminants 1040
 - Africa, losses 4915
- Tabanus*, Zaire, transmission 2335
- techniques, detection, blood 1256
- transmission, human activity 3663
- trypanothione 4503, 5104
- trypanothione reductase 4942
- variant surface glycoproteins, reviews 751
- wild animals, Burkina Faso 1699
- Zambia, history 4705
- zebu
 - Gambia 2358

Trypanosoma cont.

- zebu cont.
 - pathology 2226
 - prophylaxis 856
 - resistance, genetic polymorphism 2209
 - susceptibility, genetic polymorphism 2209
- Trypanosoma brüskii*, new species, *Loricaria lentiginosa*, Brazil 586
- Trypanosoma brucei*
 - 5'-methylthioadenosine, *in vitro* 896
 - antigenic variation 725
 - antigens 1791, 2258
 - benznidazole, *in vitro* 1551
 - 1,2-bis(methylsulfonyl)-1-methylhydrazine, *in vitro*, mode of action 1581
 - calmodulin 3576
 - camels, Kenya 2282
 - carbohydrates 1439
 - cattle
 - Africa 491
 - Benin 992
 - Congo 487
 - Côte d'Ivoire 495
 - Gabon 498
 - immunodiagnosis 992, 4406
 - Kenya
 - control 3324
 - epidemiology 4552
 - major histocompatibility complex 1800
 - pathology 2233
 - Senegal 481
 - Uganda 2054
 - chemotaxonomy 765-766, 2286, 4552
 - chloroquine, *in vitro* 4460
 - chromatin 4957
 - culture techniques 242, 928, 4241
 - cysteine, *in vitro* 2752
 - α -difluoromethylornithine, *in vitro* 1551
 - DNA 4070
 - dogs, pathology 1429, 2224-2225
 - drug resistance
 - diminazene 881
 - isometamidium 881
 - endocytosis 4528, 4567
 - enzymes 228-229, 241, 1843, 1866, 2253, 2262, 2265, 2751, 2755, 3140, 3168, 3619, 4508, 4513, 4525, 4527, 4925, 4930, 4941
 - gene expression 4543
 - hexose transporter 4082
 - gene splicing 1460
 - gene transfer 4968
 - genes 2268-2269, 2273, 3619, 3621
 - genetic exchange 1355
 - Glossina morsitans*
 - development 1633
 - mixed infections 5017
 - variant surface glycoproteins 1443
 - Zambia 765
 - Glossina morsitans morsitans*, host parasite relationships, *in vitro* 4994
 - glycolipids 221, 3584-3585
 - glycophospholipids 4919
 - glycoproteins 1856
 - glycosylphosphatidylinositol 3579
 - goats, pathology 2233
 - guineapigs, pathology 4482
 - heat shock proteins, transcription 1451
 - high density lipoprotein
 - in vitro* 1985
 - lysis 4407
 - histones 4927
 - homologous recombination 1476
 - hybridization, *in vitro* 603
 - interferon, *in vitro* 637
 - lipid absorption, reviews 4566
 - livestock, drug therapy 2357
 - macrophages, *in vitro* 1363
 - man
 - Africa, reviews 2119
 - drug therapy, reviews 1941
 - infectivity 2286
 - Kenya, epidemiology 4552
 - resistance, serum 662
 - MDL 73811, *in vitro* 3299
 - messenger RNA 4076

Trypanosoma brucei cont.

- mice
 - drug therapy 854, 896, 1203-1204, 1206, 1239, 1551, 1581, 2355, 2399, 2402, 2845, 4178
 - treatment, toxicity, azathioprine 2402
- molecular biology 1860
- molecular genetics 1154, 2270
- codons 252
- nucleotides 252
- monoclonal antibodies 4433
- myristic acid, analogues, *in vitro* 3290
- n'dama
 - Gabon, trypanotolerance 1404
 - Zaire 2059
- nifurtimox, *in vitro* 2355
- nucleic acids 2253, 3616, 3620-3621
- nucleosides 4548
- nucleotide sequences 749, 2265, 3627, 4075, 4532
- nucleotides 747
- Papio*, resistance, serum 662
- pathogenesis, variant surface glycoproteins 214
- physiology 2292-2293, 3185, 3581, 4093, 4564
- pigs
 - drug therapy 1563
 - haematology 4500
 - Nigeria 1690, 2562
 - pathogenicity 4917
 - pathology 1118, 4485, 4910
- proteins 2252, 2466, 4070, 4523, 4525, 4970
- proteolysis 4528
- rabbits
 - drug therapy 855, 2845
 - pathology 703
 - prophylaxis 855
- rats
 - immune response 116
 - nonspecific immunostimulation 1109
 - pathology 703
- resistance, serum 1812
- reuterin, *in vitro*, mode of action 4202
- ribosomal RNA 4946
- RNA 4072, 4550
- RNA polymerase 1151
- RNA-protein interactions 2275
- Ro 15-0216, *in vitro* 1551
- ruminants, Togo 496
- serum, *in vitro* 4460
- sheep
 - Africa 491
 - Côte d'Ivoire 495
 - drug therapy 1552, 1600
 - experimental infections 4739
 - pathogenicity 4912
- sialidase 4135
- small nuclear RNA 3599
- susceptibility, reviews 4566
- T lymphocytes, *in vitro* 637
- techniques
 - isolation 4070
 - purification, ribonucleoproteins 2466
- transcription 1150, 3618, 3620, 4075, 4087
- Trypanosoma rhodesiense*, hybrids 3502
- ultrastructure, cytoskeleton 595, 3062
- variant surface glycoproteins 129, 725, 1374, 1856, 2257-2258, 3168, 3584-3585, 3594, 4527, 4939
- reviews 2279
- zebu
 - Cameroon, control 2444
 - drug therapy 2058
 - Ethiopia 2058
- Trypanosoma carassii*
 - chemotaxonomy 1878
 - DNA sequencing 3629
- Trypanosoma catostomi*
 - Actinobdella inequiannulata*, Canada, transmission 5024
 - Catostomus commersoni*, Canada, epidemiology 5024
 - culture techniques 414
 - freshwater fishes, susceptibility 5024
 - vectors, susceptibility 5024
- Trypanosoma chabaudi*, *Culicoides nubeculosus*, transmission 312

Trypanosoma chrysemidis*Chelydra serpentina* 5022*Placodella ornata*, transmission 5022***Trypanosoma commersoni***, culture techniques 414***Trypanosoma congolense***

Africa

drug resistance

diminazene 2392

isometamidium 2392

antigens 4439

boran

haematology 664

resistance 664

cattle

Africa 491

Benin 992

Burkina Faso 494

Côte d'Ivoire 495

diagnosis 2450

drug therapy 933, 1799, 5072

Gabon 498

immune response 1799, 3067

immunodiagnosis 992, 4406

immunological deficiency 697, 4472

Kenya 2055

control 5072

Nigeria 2053

epidemiology 795

pathogenicity 1839

pathology 707, 4042

Senegal 481

susceptibility 1839, 2056, 2565

Togo, control 906

Uganda 2054

Zanzibar, epidemiology 796

chemotaxonomy 766

culture techniques 2458

diminazene, *in vitro* 2861

dogs, Cameroon 1687

drug resistance

diminazene 2394

in vitro 880

isometamidium 358, 5089

in vitro 880

enzymes 3153, 4059

epitopes 4439

genetic variation 2458

Glossina

experimental infection 4601

infectivity 810

Glossina morsitans

mathematical models 1517

mixed infections 5017

transmission 819

Glossina palpalis

Congo 809, 2326

transmission 832

goats

pathology 709

Senegal 2052

Togo 493

Haemonchus contortus, n'dama, Gambia,

interactions 4786

isometamidium

in vitro 2861

mode of action 5085

Kobus ellipsiprymnus 819

pathogenicity 719

livestock

Cameroon 1687

Congo, control 2446

immunodiagnosis 1687

Togo

epidemiology 784

history 951

macrophages, *in vitro* 4410

man, resistance, serum 662

metabolism 1138

mice

drug therapy 933

pathogenicity 2394, 3108

resistance 3108

n'dama

Congo, epidemiology 2326

Gabon, trypanotolerance 1404

Gambia, maternal antibodies 3516

haematology 664

immune response 2169

immunodiagnosis 3991

pathogenicity 4786

***Trypanosoma congolense* cont.**

n'dama cont.

resistance 664

susceptibility 2056

transmission 832

Zaire 497, 2059

Papio, resistance, serum 662

pigs

Congo 490

Nigeria 2562

pathology 4485, 4910

rabbits

drug therapy 855

prophylaxis 855

variant surface glycoproteins 633

rats, drug therapy 858

ruminants, Togo 496

sheep

Africa 491

Côte d'Ivoire 495

immune response 2171, 3092

Nigeria, epidemiology 3194

Senegal 2052

Togo 493

Somalia

drug resistance

diminazene 2393, 5084

isometamidium 2393, 5084

techniques, detection, blood 2450

variant surface glycoproteins 4439

in vitro 633

Zambia

drug resistance

diminazene 4642

isometamidium 4642

zebu 819

Cameroon, control 2444

drug therapy 803, 1799, 2058, 2361

Ethiopia 2058

epidemiology 803

immune response 1799, 2169

Kenya, control 2442

pathogenicity 719, 1839

pathology 2236, 3120

prophylaxis 2361

susceptibility 1839

Trypanosoma cruzi*Acanthamoeba castellanii*, epitopes, cross

reaction 4929

achalasia, man, Guyana 4787

antigens 127, 150, 153, 644, 744, 1072,

1074, 1368, 1776, 1789, 3069,

3074, 3096, 3148, 3174, 3178,

3521, 3623, 3966, 4405, 4855, 4860

trypomastigotes 4954

Argentina, chemotaxonomy 2290

blood banks, Bolivia 2041

t-butyl-4-hydroxyanisole, *in vitro*, mode

of action, mitochondria 3588

calcium, homeostasis, amastigotes 4517

carbohydrates 1446

binding site 3586

cats 3417

cellular biology 572

chemotaxonomy 1158, 3178, 3339, 4332,

4556, 4562

Conepatus chinga, Argentina, new host

records 522

conferences, Brazil 3365

control

blood transfusion 1583

reviews 4619

cruzain 3175

cruzain 1457

culture techniques 4245, 4679

cysteine proteinase 2763

cytokines, *in vitro* 4203, 4475dactinomycin, *in vitro* 2882*Dasypus novemcinctus*, USA 535

development

amastigotes 3493

in vitro 5126

calcium 3352

potassium 3352

trypomastigotes 3493

diarylpropanoids, *in vitro* 1583*Didelphis*, diagnosis 3339*Didelphis albiventris*, Brazil 4332*Didelphis marsupialis*

diagnosis 2471

immune response 173

Trypanosoma cruzi* cont.Didelphis marsupialis* cont.

resistance 173

Didelphis virginiana, USA 535 α -difluoromethylarginine, *in vitro*, mode

of action 5096

digitonin, *in vitro* 1164

DNA 4960

developmental stages 1454

DNA methylation 1149

DNA probes 3177

dogs 523, 3417

Argentina 3415

transmission 2306

immune response 1389, 4415

pathogenicity 219

endocytosis 1165, 3633

enzymes 269, 644, 732, 753, 1445, 1448-

1449, 1845, 3137, 3158, 3583,

3623, 4063, 4506, 4519, 4530,

4929, 4932, 5096

proteinases, metacyclogenesis 224

trypomastigotes 1142

espintanol, *in vitro* 1577

gene expression 3172, 4973

genes 4971

gentian violet, *in vitro*, mode of action

5103

glycophospholipids 1857

glycoproteins 264, 572, 1137, 3161, 4963

glycosphingolipids 3578

granulocytes, host parasite relationships

4579

heat shock proteins 3605

HeLa cells, host parasite relationships

3188

host parasite relationships 4581

HeLa cells 281

phagosomes 1888

human immunodeficiency virus, man,

USA 4807

immune evasion, *in vitro* 613

immune response 117, 2688, 3510

in vitro 1781

immunocompromised hosts

man

Argentina 1331

Spain 3225

transmission 3225

USA 2554

mice, pathology 4481

immunological deficiency 4475

in vitro 698

reviews 188

immunology 606, 611

immunopathology, *in vitro* 4474interleukin 3, *in vitro* 4203interleukins, *in vitro* 4475

isoenzymes 4537

kDNA, staining 2464

kinetoplast DNA 3171, 4537

lectins 4635

Leishmania braziliensis

man, interactions 4074

Saimiri sciureus, immune response

128

Leishmania infantum chagasi, man, cross

immunity 1375

Leishmania panamensis, *Saimiri sciureus*,

immune response 128

life history 945

lipids 2747

lipopeptidophosphoglycan 4051

macrophages

cytokines 4203

immune response 4203

in vitro 1363, 4411, 4428mammalian cells, *in vitro* 605

mammals, host parasite relationships,

reviews 4997

man

antigens 143, 4074

Argentina 1188

control 3213, 3664

epidemiology 2306, 3213, 3415,

3664, 4595, 5027

Brazil 215, 2729, 3375, 3841, 4689

control 3742

epidemiology 1286, 1529, 3197,

3217

cardiovascular diseases 4487

***Trypanosoma cruzi* cont.**

man cont.

- Central America 3895
- transmission 2544
- Chile 3966
- diagnosis 3338-3339, 4074, 4250, 4689, 4965, 5129
- problems 438
- reviews 4255
- drug therapy 3301
- Ecuador, epidemiology 785
- epidemiology, urban development 5004
- general account 1428
- history, Brazil 1635
- host parasite relationships 1449
- immune response 644, 1070, 1857, 2177
- immunity, reviews 4011
- immunodiagnosis 652, 1499, 1806, 2198, 3069, 3094-3096, 4445-4446, 4877
- reviews 4255
- immunosuppression 2219
- Latin America, reviews 2119
- Mexico, epidemiology 1499
- North America, transmission 2544
- pathogenesis 716, 2246, 4041
- pathology 203, 718, 1825-1826, 2729
- prognosis 442
- reviews 76, 2610
- rural development 2322
- South America
- control 3671
- transmission 2544
- susceptibility 3197
- transmission 1186, 1286
- treatment 2860
- Trinidad and Tobago 2939
- epidemiology 4600
- USA 21, 3808

megazol, *in vitro*, mode of action 2433

metabolism 1444

mice

- development 4697
- diagnosis 4250
- drug therapy 2881, 3694, 4139, 4635
- experimental infections 4756
- histopathology 4489
- immune response 122, 139, 700, 1072, 1368, 1763, 1765, 1790, 2222, 2678, 3085, 3974, 4423, 4848, 4851, 4857
- IgE, exoantigens 153
- immunity 171, 668
- immunization 125, 1411, 2882, 4034, 4399
- immunodiagnosis 3094
- immunological deficiency 700, 3116
- immunopathology 1114, 2297, 2720, 2722
- immunosuppression 2222, 4901
- pathogenesis 2250
- pathogenicity 4399
- pathology 700, 710-711
- resistance 174, 1811, 2708, 3106, 3542, 4002

monoclonal antibodies 127, 656, 4854-4855

morphology

- scanning electron microscopy
- amastigotes 3493
- trypomastigotes 3493
- naphthoquinones, *in vitro* 387
- Nasua nasua*, diagnosis 2471
- nucleotide sequences 262, 748, 4073, 4538, 4549, 4971
- opossums, USA 4756
- oxidative phosphorylation 3588
- Panstrongylus geniculatus*, Ecuador 785
- pathogenesis 2242
- peptides, epimastigotes 1618
- phagocytes, host parasite relationships 1890
- Philander opossum*, diagnosis 2471
- polymerase chain reaction 4250
- Procyon lotor*, USA 4756
- proteins 605, 3161, 4405
- amastigotes 2749
- epimastigotes 2749
- purines, analogues, reviews 4649

***Trypanosoma cruzi* cont.**

- rabbits, immunodiagnosis 4000
- rats, immune response 2680
- repetitive DNA 3610
- respiratory chain 4926
- retrogenes 3617
- Rhodnius*, diagnosis 3339
- Rhodnius pictipes*, Ecuador 785
- Rhodnius robustus*, Ecuador 785
- RNA 1479
- sesquiterpenelactones, *in vitro* 1583
- South America, conferences 5156
- sterols 738
- T lymphocytes, host parasite relationships 2297

techniques

- detection 5129
- identification, kinetoplasts 4240
- isolation 1619
- blood 1997
- purification, trypomastigotes 1618
- transcription 746
- transformation 5096
- Triatoma*, diagnosis 3339
- Triatoma infestans*
- Argentina 2306, 4595
- transmission 5027
- diagnosis 4250
- experimental infection 4112
- host parasite relationships 945
- isolation 1619
- xenodiagnosis 3338, 4689

Triatominae

- Brazil, transmission 1529
- host parasite relationships 1521
- Trinidad and Tobago 4600
- xenodiagnosis 3219

Trypanosoma rangeli

- antigens, cross reaction 3975
- mice, cross immunity 125
- tubulin 3172
- ultrastructure 945
- morphometric analysis 1348
- wild animals, Argentina 4595

Trypanosoma danilewskyi

- goldfish
- haematology 2743
- pathology 2727

Trypanosoma davidmolyneuxi*, *Culicoides nubeculosus*, transmission 312**Trypanosoma equiperdum***

- berenil, *in vitro* 2396
- cymelarsan, *in vitro* 2396, 2407
- drug resistance
- berenil 2396
- cymelarsan 2396
- isometamidium 2396
- quinapyramine sulfate 2396
- suramin 2396
- guinea pigs, pathogenicity 3568
- horses

- immunodiagnosis 159
- Italy, epidemiology 1175
- isometamidium, *in vitro* 2396
- kinetoplast DNA 2762
- man, resistance, serum 662
- mice

- drug therapy 2396
- immunotherapy 4900
- molecular karyotypes 2762
- Papio*, resistance, serum 662
- quinapyramine sulfate, *in vitro* 2396
- suramin, *in vitro* 2396

Trypanosoma evansi

- amino acids 2816
- berenil, *in vitro* 2396
- buffaloes
- drug therapy 712, 859, 1125, 3272
- immunodiagnosis 651
- Indonesia 997-998
- morphology 3947
- pathology 712, 1117, 1125
- Thailand, reviews 38
- camels
- drug therapy 2303, 2359
- Ethiopia 2584
- immunodiagnosis 4453
- Iraq 4334
- Kenya, epidemiology 2303
- prophylaxis 2303
- Saudi Arabia 3401

***Trypanosoma evansi* cont.**

- cats, pathology 2990
- cattle
- development 1631
- drug therapy 2972
- immunodiagnosis 3535
- India, epidemiology 2972
- Java 1006
- morphology 3947
- prophylaxis 2972
- chemotaxonomy 2281-2282, 2762, 4551, 4559

Clostridium perfringens

- dromedaries
- interactions 4789
- United Arab Emirates 4789
- culture techniques 1616
- cymelarsan, *in vitro* 2396
- DNA probes 2280
- dogs

- diagnosis 2471
- immunization 3115, 4470
- morphology 3947
- dromedaries, immune response 632
- drug resistance
- berenil 2396
- cymelarsan 2396
- isometamidium 2396
- quinapyramine sulfate 2396
- suramin 2396

goats, pathology 207

guinea pigs

- haematology 2745
- immune response, foot and mouth disease virus 3987
- immunodiagnosis 3532
- immunological deficiency 3987

horses

- haematology 2745
- immune response 1798
- Hyalomma anatolicum*, transmission 2803
- isometamidium, *in vitro* 2396
- kinetoplast DNA 2762
- life history 2008

livestock

- drug therapy 2357
- immunodiagnosis 3536
- man, resistance, serum 662
- Meriones unguiculatus*, susceptibility 666
- mice

- development 2008
- drug therapy 2396, 2816, 3739
- susceptibility 669

- molecular karyotypes 2762
- nucleotide sequences 4532
- Papio*, resistance, serum 662
- pigs, immune response 3981
- Proechimys thomasi*, diagnosis 2471
- quinapyramine sulfate, *in vitro* 2396
- rabbits

- development 1631
- immunopathology 3555
- pathology 3555
- transmission 2803
- suramin, *in vitro* 2396
- Tabanus*, *Stomoxys*, India, transmission 2972
- techniques, cryopreservation 3747
- ultrastructure 2008

Trypanosoma fallis

- Bufo americanus*, Canada 4557
- chemotaxonomy 4557

Trypanosoma freitasi

- fibroblasts, host parasite relationships 4095
- ultrastructure 4095

Trypanosoma gambiense

- antigens 2285, 4406
- chemotaxonomy 768, 2284-2285, 4551
- drug resistance, arsobal 2391
- Glossina*
- Central African Republic, transmission 5018
- susceptibility 2323
- immune response, *in vitro* 1066
- livestock
- Congo 1093
- drug therapy 2357
- immunodiagnosis 1093
- mammals, epidemiology 1530

***Trypanosoma gambiense* cont.**

- Africa
 - control 4128
 - epidemiology 793
 - Benin 4717
 - Cameroon 1667, 2285
 - Central African Republic, epidemiology 5018
 - Congo, control 2443
 - Côte d'Ivoire 706, 853
 - diagnosis 3845, 5141
 - reviews 4255
 - drug therapy 852-853, 1237, 1982, 2350, 2352-2354, 3315, 3738
- Equatorial Guinea
 - control 2346, 5036
 - epidemiology 792
 - general account 3900
 - immune response 2170
 - immunodiagnosis 2285, 3993, 4444, 4717, 4864, 4873-4874
 - reviews 4255
 - pathogenesis 1134
 - pathology 706, 3776
 - resistance, serum 662
 - reviews 75
 - UK 3845
 - mannose, *in vitro* 920
 - mice, immunological deficiency 699
 - Papio*, resistance, serum 662
 - proteins 4406
 - rabbits, haematology 1841
 - small nuclear RNA 3599
 - variant surface glycoproteins 4964
- Trypanosoma grayi*, *Glossina palpalis*, Congo 809
- Trypanosoma karyozekton*, *Rana tigrina*, India, new host records 1315
- Trypanosoma lewisi*
 - antigens 4838
 - immune response, *in vitro* 1782
- rats
 - drug therapy, immunity 4137
 - immune response 625
 - immunity, antiprotozoal agents 4137
 - immunization 1103
 - immunological deficiency 1103
- Trypanosoma mega*, *Rana tigrina*, India, new geographic records 1315
- Trypanosoma (Megatrypanum)*
 - Cervus elaphus*, Germany, epidemiology 1185
 - Lipoptena cervi*, transmission 1185
- Trypanosoma murmanensis*
 - Johannsonia arctica*, Canada, epidemiology 4615
 - marine fishes, Canada, transmission 4615
 - Pseudopleuronectes americanus*, pathology 1828
- Trypanosoma musculi*
 - immune response 135
 - in vitro* 1362
 - mice, immune response 625
 - polyisobutylcyanoacrylate nanoparticles, *in vitro* 1990
- Trypanosoma (Nannomonas)*, pigs, pathogenicity 2239
- Trypanosoma numidae*, *Numida meleagris*, South Africa 2093
- Trypanosoma pestanai*
 - chemotaxonomy 1482
 - Meles meles*, France 1482
- Trypanosoma phaleri*
 - Amia calva*
 - development 5142
 - infectivity 5142
 - Desserobdella phalera*
 - development 5142
 - infectivity 5142
 - transmission 5142
- Trypanosoma pipientis*
 - Desserobdella picta*, transmission 5022
 - Rana catesbeiana* 5022
- Trypanosoma punctati*
 - Channa punctatus*
 - India, new geographic records 67
 - life history 67
 - Hemiclepsis marginata*, transmission 67
- Trypanosoma ranarum*
 - chemotaxonomy 4557

***Trypanosoma ranarum* cont.**

- Rana catesbeiana*
 - Canada 4557
 - USA 4557
- Trypanosoma rangeli*
 - chemotaxonomy 1158, 4556
 - Echymys dasythrix*, Brazil 4329
 - glycophospholipids 1857
 - man, immune response 1857
 - Rhodnius prolixus*, immune response 320, 821
 - Triatoma infestans*, immune response 320, 821
 - Trypanosoma cruzi*
 - antigens, cross reaction 3975
 - mice, cross immunity 125
- Trypanosoma rhodesiense*
 - basic fibroblast growth factor 3577
 - cattle, immunodiagnosis 2196
 - Cercopithecus aethiops*, drug therapy 854
 - chemotaxonomy 768
 - daunorubicin, *in vitro*, mode of action, lipids, peroxidation 365
 - drug resistance, α -difluoromethylornithine 877
 - Glossina morsitans*, mixed infections 5017
 - goats, immunity 2080
 - homidium bromide, *in vitro*, mode of action, lipids, peroxidation 365
 - immune evasion 253
 - livestock, drug therapy 2357
- man
 - Africa
 - control 4128
 - epidemiology 793
 - diagnosis 2451
 - reviews 4255
 - drug therapy 851
 - general account 3900
 - immunodiagnosis 4864, 4867, 4872
 - reviews 4255
 - pathogenesis 1134
 - resistance, serum 662
 - reviews 75
 - Tanzania 4872
 - Uganda 471, 2029, 4872
 - Zambia 4872
 - epidemiology 2302
 - messenger RNA 3601
 - mice, drug therapy 877
 - nucleotide sequences 253, 1473
 - Papio*, resistance, serum 662
 - polymerase chain reaction 1473
 - techniques, detection, blood 2451
 - transcription 2266
 - Trypanosoma brucei*, hybrids 3502
 - Uganda, control 1609
 - variant surface glycoproteins 3602
 - Zambia, transmission 2302
- Trypanosoma rotatorium*
 - chemotaxonomy 4557
 - Rana catesbeiana*, Canada 4557
 - Rana clamitans*, USA 4557
- Trypanosoma simiae*
 - chemotaxonomy 766, 2283
 - Glossina*, Kenya 831
 - Glossina morsitans*
 - Gambia, new geographic records 831
 - Nigeria 831
 - Phacochoerus aethiopicus*, Gambia 2965¹
 - pigs, experimental infections 2965
- Trypanosoma stefanski*, new species, *Capreolus capreolus*, Poland 2151
- Trypanosoma theileri*
 - cattle
 - Papua New Guinea, reviews 4320
 - Sweden 1000
 - Hyalomma marginatum*, Portugal 1512
 - Rhipicephalus*, Nigeria 833
 - techniques, cryopreservation 3747
 - Zebu, Sudan 1296
- Trypanosoma (Trypanozoon)*
 - chemotaxonomy 4092
 - Glossina morsitans*, Zambia, epidemiology 5006
 - Glossina pallidipes*, Zambia, epidemiology 5006
 - livestock, Zambia, epidemiology 5006
 - man, Zambia, epidemiology 5006

Trypanosoma (Trypanozoon) cont.

- wild animals, Zambia, epidemiology 5006
- Trypanosoma vivax*
 - cattle
 - Africa 491
 - Benin 992
 - Burkina Faso 494
 - Côte d'Ivoire 495
 - drug therapy 5072
 - Gabon 498
 - haematology 2251, 4319
 - immunodiagnosis 992
 - Kenya 2055
 - control 5072
 - Nigeria 2053, 4319
 - epidemiology 795, 3194
 - pathogenicity 1839
 - pathology 2233, 2733, 4319
 - prophylaxis 878
 - susceptibility 1839
 - Uganda 2054
 - culture techniques 892, 1612
 - development, *in vitro* 1612
 - diminazene, *in vitro* 892
 - drug resistance, isometamidium, *in vitro* 2455
 - genes 4069
 - Glossina palpalis*
 - Congo 809
 - transmission 832
 - goats
 - Congo, epidemiology 809
 - immunity 663
 - pathology 202, 2233, 4480
 - Senegal 481, 2052
 - Togo 493
 - homidium, *in vitro* 892
 - isometamidium
 - drug resistance 1240
 - in vitro* 892, 1240
 - Kenya
 - drug resistance
 - homidium 878
 - isometamidium 878
 - quinapyramine 878
 - livestock, Togo, epidemiology 784
 - man, resistance, serum 662
 - melarsoprol, *in vitro* 892
 - n'dama
 - Gabon, trypanotolerance 1404
 - Gambia, maternal antibodies 3516
 - immunodiagnosis 3991
 - transmission 832
 - Zaire 497, 2059
 - Papio*, resistance, serum 662
 - pentamidine, *in vitro* 892
 - quinapyramine, *in vitro* 892
 - Rhipicephalus*, Nigeria 833
 - ruminants, Togo 496
 - sheep
 - Africa 491
 - Congo, epidemiology 809
 - Côte d'Ivoire 495
 - Nigeria, epidemiology 3194
 - oestrous cycle 2051
 - pathology 4907
 - Senegal 481, 2052
 - Togo 493
 - Somalia
 - drug resistance
 - homidium 878
 - isometamidium 878
 - quinapyramine 878
 - suramin, *in vitro* 892
 - zebu
 - Cameroon, control 2444
 - drug therapy 1946, 2058
 - Ethiopia 2058
 - haematology 4319
 - Kenya, control 2442
 - Nigeria 4319
 - pathogenicity 1838-1839
 - pathology 4319
 - prophylaxis 1946
 - resistance 2210
 - susceptibility 1838-1839
- Trypanosomatidae*
 - animals 3371
 - messenger RNA, reviews 2604
 - plants 3371

- Trypanosomatidae** *cont.*
retrotransposons 1478
RNA, editing, reviews 3166
RNA editing 754
- Trypanothione**
Leishmania 4503, 5104
Trypanosoma 4503, 5104
- Trypanothione reductase**
Crithidia fasciculata 3152
Leishmania 4942
Trypanosoma 4942
Trypanosoma congolense 3153
- Trypanotolerance**
boran, breeding, Kenya 879
cattle 1916
Africa 492
genetic markers
cattle 2287
zebu 2287
genetics 665
lymphocyte antigens
cattle 2287
zebu 2287
n'dama 2056
Gabon 2208, 3991
Gambia 2358
Zaire, productivity 2057
ruminants, Togo 1040
Trypanosoma, n'dama, Gabon 1404
- Trypanozoon**, chemotaxonomy 4551
- TS 24**, *Trypanosoma rhodesiense*,
Cercopithecus aethiops 854
- TS 88**
Trypanosoma brucei, mice 854
Trypanosoma rhodesiense, *Cercopithecus aethiops* 854
- TS 89**, *Trypanosoma brucei*, mice 854
- Tubercidin**
Entamoeba histolytica 1241
Leishmania donovani
in vitro 3253
mice 3253
Leishmania mexicana, in vitro 3253
toxicity, mice 3253
- Tubifex tubifex**, *Myxobolus pavlovskii*, trans-
mission 1261
- Tubulin**
Leishmania 254
Leishmania donovani 270
Plasmodium 263
Trichomonas vaginalis 1242
Trypanosoma cruzi 3172
- Tumour necrosis factor**
Babesia 4842
chloroquine 890
Leishmania donovani 642, 2182
Leishmania infantum infantum 4432
Leishmania major 635, 849, 1406, 3972
Plasmodium 3960
Plasmodium berghei 134, 2218
Plasmodium falciparum 850, 1416, 1795,
3117, 3196, 3249, 3680
Plasmodium vivax 2682, 4497
Plasmodium yoelii 2178, 3084, 3957
Pneumocystis carinii 137, 619, 3078
suramin 5094
Theileria annulata, in vitro, trophozoites
2687
Theileria parva, in vitro, trophozoites
2687
Toxoplasma gondii 1068, 3539, 4004,
4016, 4844
Trypanosoma cruzi 2177, 4428
Trypanosoma musculi 135
- Tunicamycin**, *Leishmania major* 4065
- Tunisia**
Cryptosporidium, human immu-
nodeficiency virus, man 1332
Entamoeba histolytica, man 3812
Giardia duodenalis, man 3812
Leishmania
man 3815
zoonoses 2341
Leishmania infantum infantum
man 2556
cutaneous leishmaniasis 1480
Pneumocystis carinii, human immu-
nodeficiency virus, man 1332
protozoa, man 3812
Trichomonas intestinalis, man 3812
- Turdus merula**, *Haemoproteus minutus*, new
species, Lithuania 3939
- Turkey**
Babesia ovis, sheep 158
Cryptosporidium, cattle 4747
Cryptosporidium parvum, human immu-
nodeficiency virus, man 2689
- Eimeria**
Hemidactylus turcicus turcicus 1050
Lepus europaeus, new records 532
Entamoeba histolytica, man 25
Giardia duodenalis, man 2509, 3792
Leishmania donovani, man 2506
Plasmodium, man, epidemiology 4603
protozoa, aquarium fishes 2099
- Sarcocystis**
cattle 2112
dogs 2112
Sarcocystis ovis, sheep 2069
Sarcocystis ovifelis, sheep 2069
Toxoplasma gondii, man 4300
- Turkeys**
amprolium, pharmacokinetics 1234
butynorate, pharmacokinetics 1234
Cryptosporidium, reviews 540
dibutyltin dilaurate, legislation 3318
drug residues
dimetridazole 4665
ipronidazole 4665
- Eimeria**
drug therapy 1207, 1561
immunotherapy 2220
prophylaxis 1198
Yugoslavia 4335
Eimeria adenoeides, pathology 1124
Eimeria dispersa, drug therapy 4638
Haemoproteus, Nigeria 538
halofuginone, pharmacokinetics 1234
Histomonas, drug therapy 1215
maduramicin, pharmacokinetics 396
monensin, pharmacokinetics 1234
Plasmodium, Nigeria 538, 4773
Plasmodium circumflexum, pathogenicity
1837
protozoa, Czechoslovakia 1029
sulfadimethoxine ormetoprim,
pharmacokinetics 1234
toxicity
furazolidone 397
halofuginone 1228
monensin 391
salinomycin 4667
Trichomonas, drug therapy 1215
zoalene, pharmacokinetics 1234
- Tursiops truncatus**, *Toxoplasma gondii*,
USA 3011
- Tuzetia ceriodaphniae**, morphology 2657
- Tuzetia corynoformis**, morphology 2657
- Tuzetia cyclopis**, morphology 2657
- Tuzetia schneideri**
Ephemera danica, development 445
life history 445
ultrastructure 445
- Twins**, *Toxoplasma gondii* 1665
- Tyzzeria**, poultry 1711
- Tyzzeria parvula**
enzymes 2756
ultrastructure
macrogametes 1752
schizogony 1058
- Uganda**
diarrhoea, man, traditional medicines
5056
Glossina fuscipes, control 1609
Plasmodium falciparum, man 3257
Theileria, cattle 509
Toxoplasma gondii, human immu-
nodeficiency virus, man 1044
Trypanosoma, cattle 2054
Trypanosoma rhodesiense
cattle 2196
control 1609
man 471, 2029, 4872
- UK**
Acanthamoeba, *Candida albicans*, man
3373
Blastocystis hominis, man 2505
Centre for Tropical Veterinary Medicine,
reports 2489
coccidia, *Kobus leche*, zoological gardens
3399
- UK** *cont.*
Cryptosporidium
cats 1709
Cervus elaphus 2079
drinking water 2787
human immunodeficiency virus, man
91
immunocompromised hosts, man
3919
man 17, 20, 356
control 401, 403
epidemiology 988, 2338, 2785-
2787, 3203, 3652
Sheehan's syndrome, man 3383
swimming pools 2786
water 2785, 3203, 3652
Cryptosporidium parvum, human immu-
nodeficiency virus, man 2689
- Eimeria**
Phoca vitulina 537
sheep 2566
Eimeria gilruthi, sheep 500
Encephalitozoon, human immu-
nodeficiency virus, man 4389
Entamoeba histolytica, man 3842
Giardia, man, epidemiology 3206
Giardia duodenalis, man, epidemiology
2789
Glugea anomala, *Gasterosteus aculeatus*
2163
Goussia gasterostei, *Gasterosteus*
aculeatus 2163
Hepatozoon, *Sciurus carolinensis* 2087
Leucocytozoon
aviary birds 63
Buteo buteo 63
Myxobolus gasterostei, *Gasterosteus*
aculeatus 2163
Myxobolus sandrae, perch 4776
Myxozoa, atlantic salmon, proliferative
kidney disease OIMyxozoa 2597
Neospora caninum, dogs 1305
Plasmodium, man 1498
Plasmodium falciparum, man 866, 1662,
2537
Plasmodium ovale, man 2523
Pneumocystis carinii
horses 4815
human immunodeficiency virus, man
93, 2132, 2135, 2636, 2647,
2921, 3247
immunocompromised hosts, man
1740, 2921, 3045, 4794
man, epidemiology 3469
protozoa
Carassius carassius 554
cattle, control 3242
pigs, control 3242
sheep, control 3242
water, transmission 2337
Sphaerospora elegans, *Gasterosteus*
aculeatus 2163
Toxoplasma gondii
guineapigs 1022
horses 45
human immunodeficiency virus, man
93, 1047, 2628, 4367
immunocompromised hosts, man
2635, 4811
man 473, 2040, 2543, 2936, 2956,
4297
epidemiology 4108
Trypanosoma gambiense, man 3845
- Ultrasonography**
Entamoeba histolytica 3757
man 4265
man 2731
pregnancy 2731
protozoa 4691
Toxoplasma gondii 425, 2731
- Ultrastructure**
Acanthamoeba castellanii 2248
Amblyospora, spores 3948
Amblyospora macrococcus, spores 3948
Amblyospora trinus 592
Babesia caballi 3495
Bacillidium strictum 4388
Blastocystis hominis 108, 1061
Bonamia, developmental stages 2486
Caryospora colubris, developmental
stages 4381

Ultrastructure cont.

- Coelosporidium periplanetae* 3489, 3500
Cryptobia eilatitica 585
Cryptosporidium, reviews 599
Culicosporella lunata 3060
Eimeria 1028
Eimeria adenoides 5115
Eimeria magna 405
Eimeria meleagridis 5115
Eimeria sardinae 2011
Eimeria vanasi, merogony 2159
Encephalitozoon 4389
Encephalitozoon hellem 2160
Entamoeba invadens, cytoskeleton, actin 3634
Enterocytozoon bienersi 3923
Footingia actinaria 601
Frenkelia microti, developmental stages 4826
Giardia duodenalis 731, 4378
 trophozoites 1056, 3946, 4379
 ventral discs 3492
Giardia muris 4378
Goussia carpelli, sporozoites 1349
Goussia subepithelialis 1751
 sporozoites 1349
Gregarina, septate cell junction 598
Haemogregarina 4380
Hammondia hammondi, cysts 2967
Haplosporidium costale, developmental stages 2162
Haplosporidium nelsoni 560
Henneguya 948
Herpetomonas samuelpessoai 1488
Hyalophysa chattoni 109
Lankesterella 1710
Lechriopyla mystax, mitochondria 4391
Leishmania donovani 1238
Leishmania infantum chagasi 4269
Myxobolus basilamellaris 2164
Myxozoa, developmental stages 2163
Neospora caninum 4822
 cysts 2967
Nosema algerae 2161
Paratellophania illinoisensis 1754
Perkinsus 590
Plagiopyla minuta, mitochondria 4391
Plasmodium 570, 597
Plasmodium berghei 1339
Plasmodium coulangeri
 blood stages 2663
 oocysts 2663
Plasmodium falciparum 1060, 3314
Plasmodium percygarnhami
 blood stages 2663
 oocysts 2663
Plasmodium vivax, blood stages 4382
Pleistophora schubergi 1344
Pneumocystis carinii 110, 1062, 4829
 terminology 4830
 trophozoites 1614
Protoopalina australis 600
Sarcocystis 3499
 sarcocysts 2666, 3497
 sporocysts 2666
Sarcocystis bovicanis 1753
Sarcocystis fayeri 3063
Sarcocystis levisi 1052
Sarcocystis montanaensis
 sarcocysts 2666
 sporocysts 2666
Sarcocystis muris
 micronemes 4064
 smooth endoplasmic reticulum 4064
Sarcocystis sibirica, sarcocysts 3498
Schellackia agamae
 oocysts 3496
 sporozoites 3496
Sphaerospora dicentrarchi 3488
Sphaerospora elegans 3949
Theileria buffeli 4505
Theileria orientalis 4505
Theileria sergenti 4505
Toxoglugea chironomi 3064
Toxoplasma gondii 1350
 bradyzoites 1632
 cysts 2967
Triactinomyxon legeri, developmental stages 4390
Trichomonas vaginalis 1055
 hydrogenosomes 1057

Ultrastructure cont.

- Trisopterus esmarkii* 1424
Tritrichomonas foetus 243
Trypanoplasma borreli 3494
Trypanosoma brucei, cytoskeleton 595, 3062
Trypanosoma cruzi 945, 1165
 morphometric analysis 1348
Trypanosoma evansi 2008
Trypanosoma freitasi 4095
Tuzetia schneideri 445
Tyzzeria parvula
 macrogametes 1752
 schizogony 1058
Vairimorpha necatrix 4386
Vavraia culicis 4387
Ultraviolet radiation
Leishmania, man 340
Leishmania major
 mice
 immunity 4456
 pathogenesis 4456
Underwoodsaureus milii, *Haemoproteus underwoodsaurei*, new species, Australia 2654
Uncapsula, *Carcharhinus melanopterus*, USA, zoological gardens, new host records 3018
United Arab Emirates, *Trypanosoma evansi*, *Clostridium perfringens*, dromedaries 4789
Ureastibamine
Leishmania donovani
 hamsters 899
 in vitro, mode of action 899
 mode of action 899
Urospora neapolitana, *Echinocardium cordatum*, France 4782
USA (see also Alaska; Hawaii; Puerto Rico)
Acanthamoeba
 human immunodeficiency virus 2517
 man 4798
Cryptosporidium, immunocompromised hosts, *Psittaciformes* 3015
Cryptosporidium parvum, human immunodeficiency virus, man, reviews 3914
Encephalitozoon cuniculi, human immunodeficiency virus, man 1330
Encephalitozoon hellem
 human immunodeficiency virus, man 4790
 new species, man 101
Entamoeba histolytica, man 2328
Giardia, man, epidemiology 3205
Giardia duodenalis
 epidemiology 3229
 man 2114, 2328
 epidemiology 416
 sewage 3229
Gregarina niphandrodes, new species, *Tenebrio molitor* 2153
Isospora belli, human immunodeficiency virus, man, reviews 3914
Leishmania donovani, man, military personnel 3802
Leishmania major, man, military personnel 3802
Leishmania tropica, man, military personnel 3802
Microspora, human immunodeficiency virus, man 88
 parasites, man, imported infections 2310
 parasitology, biotechnology 449
Plasmodium 2370
 man, transmission 4122-4123
Pneumocystis carinii
 human immunodeficiency virus 3479
 man 1932, 2625, 3474
 reviews 3913
 man 94, 1732, 2230
 protozoa, man 2117
Toxoplasma gondii
 human immunodeficiency virus, man, reviews 3914
 pigs 483
Trichomonas gallinae, *Amazona aestiva* 3435
Trichomonas vaginalis, man 2328
Tritrichomonas foetus, cattle 168

USA cont.

- Alabama, *Naegleria fowleri*, water, National Parks 4701
 Alaska
 Ciliophora
 Lithodes aequispina 561
 Paralithodes platypus 561
 dinoflagellates, *Chionoeetes bairdi* 1722
 Eimeria, *Theragra chalcogramma* 2598
 Goussia, *Theragra chalcogramma* 2598
 Pleistophora, *Theragra chalcogramma* 550
 Sphaerospora, *Theragra chalcogramma* 550
 Arizona
 Eimeria lachrymalis
 Peromyscus crinitis 3002
 Peromyscus difficilis 3002
 Giardia duodenalis, man, control 4179
 Pneumocystis carinii, immunocompromised hosts, man 2639
 Arkansas
 Cryptosporidium, fowls, general account 3252
 Eimeria, fowls, general account 3252
 Eimeria chelydrae, *Chelydra serpentina* 588
 Eimeria fasciatus, new species, *Eumeces fasciatus* 3936
 Eimeria filamentifera, *Chelydra serpentina* 588
 Eimeria harlani, new species, *Macroclmemyx temminckii* 4817
 Eimeria septemvittata, new species, *Regina septemvittata* 1335
 Eimeria serpentina, new species, *Chelydra serpentina* 588
 Eimeria sexlineatus, new species, *Cnemidophorus sexlineatus* 3056
 Histomonas, fowls, general account 3252
 Isospora chelydrae, new species, *Chelydra serpentina* 588
 Isospora scinci, new species, *Eumeces fasciatus* 3936
 Myxozoa, *Ictalurus punctatus*, fish farms, reviews 3887
 Sarcocystis
 Agkistrodon contortrix contortrix 2666
 Microtus ochrogaster 2666
 Sarcocystis felis, new species, *Felis rufus* 4819
 Sarcocystis montanaensis, *Lampropeltis getula holbrooki* 2485
 Trichomonas, fowls, general account 3252
 California
 Aggregata millerorum, new species, *Octopus bimaculoides* 4369
 Balanitium coli, man 468
 Ciliophora, *Octopus bimaculoides* 3891
 Entamoeba histolytica, man 5, 2521, 3097
 Enterocytozoon salmonis, new species, *Oncorhynchus tshawytscha* 1343
 Ichthyobodo necator, *Octopus bimaculoides* 3891
 Lambornella clarki, *Aedes sierrensis* 1720, 2601, 4779
 Naegleria fowleri, water, National Parks 4701
 Neospora caninum, cattle 2073
 Plasmodium
 Anopheles hermsi, transmission 1523
 man, epidemiology 1523
 Plasmodium falciparum, *Plasmodium vivax*, man 3384
 Plasmodium vivax, man 467, 3384
 Pneumocystis carinii
 human immunodeficiency virus
 man 336, 3476, 3917
 epidemiology 1328

USA cont.

California cont.

- Sarcocystis*, cattle 2073
Sarcocystis falcicola
 opossums 3433
 Psittaciformes, zoological gardens 3433
Steinhausia mytilovum, *Mytilus edulis*, new geographic records 1723
Toxoplasma gondii
 cattle 2073
Phascolarctos cinereus, zoological gardens 3883
Trichomonas vaginalis, man 375
Trypanosoma cruzi
 human immunodeficiency virus, man 4807
 man 21, 3808

Colorado

- Eimeria*, *Lama glama*, new host records 1026
Giardia duodenalis, man, control 4668
Toxoplasma gondii, cats 3874

Connecticut

- Babesia*, man 321
Ovavescula popilliae, *Popillia japonica* 201

Delaware, *Haplosporidium nelsoni*, *Crassostrea virginica* 175, 560

District of Columbia

- Cryptosporidium*, camels, zoological gardens 3432
Pneumocystis carinii, human immunodeficiency virus, man 4795, 5059

Florida

- Acanthamoeba*, dogs 1707
Babesia canis, dogs 2084
Cytauxzoon felis, *Felis coryi* 3668
Eimeria anolidis, new species, *Anolis carolinensis* 1050
Entamoeba histolytica, lymphoma, man 2
Histomonas meleagridis, fowls 4340
Pneumocystis carinii, human immunodeficiency virus, man 1741, 2645
Sarcocystis falcicola
Blattaria, transmission 4337
 opossums, transmission 4337
 Psittacidae
 aviaries 4337
 epidemiology 4337
Toxoplasma gondii, *Tursiops truncatus* 3011

Georgia

- Acanthamoeba*, dogs 1707
Cryptosporidium, man 2547
Enterocytozoon bieneusi, human immunodeficiency virus, man 2908
Giardia duodenalis, man 431, 2547
Plasmodium (*Novyella*), *Strix varia* 4827

Idaho, *Cryptosporidium muris*, cattle 46

Illinois

- Giardia duodenalis*, man 2034
Pneumocystis carinii
 human immunodeficiency virus man 1327, 2139
 epidemiology 1328
 immunocompromised hosts, man 4144
Sarcocystidae, dogs 1304
Sarcocystis
 distemper virus, *Procyon lotor* 2614
 dogs 3871
Sarcocystis canis, new species, dogs 587

Indiana

- Neospora caninum*, cattle 3863
Pneumocystis carinii, immunocompromised hosts, man 4144
Toxoplasma gondii, human immunodeficiency virus, man 4808

Iowa

- Toxoplasma gondii*
 cats 4104

USA cont.

Iowa cont.

Toxoplasma gondii cont.

- Didelphis virginiana* 4104
 dogs 2997
Mephitis mephitis 4104
 mice 4104
 pigs, epidemiology 4104
Procyon lotor 4104
 prevalence 3431
 rats 4104

Kansas

- Cryptosporidium*, human immunodeficiency virus, man 1739
Eimeria arnyi, new species, *Diadophis punctatus* 1334
Entamoeba muris, *Sigmodon hispidus*, new host records 4328
Giardia, *Sigmodon hispidus*, new host records 4328

Louisiana

- Eimeria*, sheep 993
Eimeria ovinoidalis, sheep 993
Neospora caninum, dogs 53
Pneumocystis carinii, human immunodeficiency virus, man 888
Toxoplasma gondii, *Eos bornea* 4341
Trichomonas vaginalis, man, epidemiology 5005
Trypanosoma cruzi
Dasyus novemcinctus 535
Didelphis virginiana 535
Trypanosoma rotatorium, *Rana clamitans* 4557

Maryland

- Cryptosporidium*, human immunodeficiency virus, man 2643
Entamoeba gingivalis, man, uterus 3631
Giardia duodenalis, human immunodeficiency virus, man 2643
Kudoa, *Morone americana* 3888
Pneumocystis carinii
 human immunodeficiency virus man 1542
 epidemiology 1328
Toxoplasma gondii
 cattle, new geographic records 4316
 human immunodeficiency virus, man 3464
Trypanosoma ranarum, *Rana catesbeiana* 4557

Massachusetts

- Acanthamoeba rhyodes*, human immunodeficiency virus, man 4797
Plasmodium falciparum, man 4632
Toxoplasma gondii
 cats 1302
 human immunodeficiency virus, man 575

Michigan

- delusory parasitoses, man 950
Pneumocystis carinii
 human immunodeficiency virus, man 5132
 immunocompromised hosts, man 3043

Minnesota

- Acanthamoeba*, man 3377
Giardia duodenalis, man, epidemiology 799
Sarcocystis, *Accipiter gentilis* 3434

Mississippi

- Nyctotherus cordiformis*, *Anura*, population dynamics 545
Opalina, *Anura*, population dynamics 545

Missouri

- Acanthamoeba*, man 3378
Entamoeba histolytica, man 3097
Pneumocystis carinii, immunocompromised hosts, man 4358
 Montana, *Toxoplasma gondii*, man 2948

New Jersey

- Plasmodium vivax*
 man 2033
 malaria therapy 3667
Pneumocystis carinii, human immunodeficiency virus, man 3920

USA cont.

New Jersey cont.

- Sarcocystis*, *Anas rubripes* 3014
Toxoplasma, *Erethizon dorsatum*, new host records 533
Toxoplasma gondii, *Procyon lotor*, prevalence 3431

New Mexico

- Eimeria arizonensis*
Peromyscus boylii 762
Peromyscus truei 762
Neospora caninum, cattle 1832

New York

- Acanthamoeba jacobsoni*, new species, sewage effluent 4816
Babesia microti, man 3805
Cryptosporidium, human immunodeficiency virus, man 1048, 1742, 2129, 3918
Entamoeba histolytica, human immunodeficiency virus, man 2129
Giardia duodenalis, human immunodeficiency virus, man 2129
Plasmodium, man 2032
Plasmodium falciparum, man 2868
Pneumocystis carinii
 human immunodeficiency virus, man 193, 1747, 2621, 2641, 2848, 3312, 3477, 3932, 4357
 immunocompromised hosts, man 2554, 2622, 2644
Sarcocystis neurona, horses 2656
Toxoplasma gondii
 cats 1350
 human immunodeficiency virus, man 2621, 2848
Trichomonas vaginalis, man, epidemiology 5005
Trypanosoma cruzi, immunocompromised hosts, man 2554
Unicapsula, *Carcharias melanocephalus*, zoological gardens, new host records 3018

North Carolina

- Entamoeba histolytica*, man 2527
Heneguya myositis, fishes 3441
Hyalophysa chattoni, virus-like particles, *Palaemonetes pugio* 2613
Plasmodium falciparum, man 2038
Trypanosoma cruzi
 opossums 4756
Procyon lotor 4756

Ohio

- Entodinium dubardi*, *Odocoileus virginianus* 482
Pneumocystis carinii, human immunodeficiency virus, man 3460
Sarcocystis, *Procyon lotor* 47, 3000
Toxoplasma gondii, *Procyon lotor*, prevalence 3431

Oklahoma

- Toxoplasma gondii*, cats 1015
Trichomonas vaginalis, man, epidemiology 5005

Pennsylvania

- Naegleria fowleri*, man 2043
Neospora caninum, goats 4740
Pneumocystis carinii
 human immunodeficiency virus, man, epidemiology 1328
 man 2910, 2922
Sarcocystis neurona, horses 4322
Sarcocystis sehi, new species, *Erethizon dorsatum* 2155
Toxoplasma, *Erethizon dorsatum*, new host records 533
Toxoplasma gondii, *Procyon lotor*, prevalence 3431

South Carolina

- Toxoplasma gondii*, *Procyon lotor*, prevalence 3431

Tennessee

- Naegleria fowleri*, water, National Parks 4701
Pneumocystis carinii, human immunodeficiency virus, man 1931
Toxoplasma gondii, immunocompromised hosts, man 3039

Texas

- amoebae, sheep 2984

USA cont.

Texas cont.

- Babesia odocoilei*, *Odocoileus virginianus* 2665
Blastocystis hominis, man 2538
Borrelia burgdorferi, man, malari-
 otherapy 5050
Cosmetophilus, *Vonones sayi*, new
 geographic records 2152
Cosmetophilus vonones, new species,
Vonones sayi, new geographic
 records 2152
Eimeria albigulae
Neotoma floridana, new host
 records 3002
Neotoma micropus, new host
 records 3002
Eimeria antonellii
Neotoma albigula, new host
 records 3002
Neotoma micropus, new host
 records 3002
Eimeria arizonensis, *Reithrodonto-*
mys, new host records 4821
Eimeria callospermophili, *Spermophi-*
lus mexicanus, new host records
 3007
Eimeria chelydrae, *Chelydra serpen-*
tina 588
Eimeria lachrymalis
Peromyscus crinitis 3002
Peromyscus difficilis 3002
Eimeria ladronensis
Neotoma floridana, new host
 records 3002
Neotoma micropus, new host
 records 3002
Eimeria morainensis, *Spermophilus*
mexicanus, new host records
 3007
Eimeria papillosum, new species,
Salvadora grahamiae 589
Eimeria serpenticola, new species,
Thamnophis proximus 589
Eimeria serpentina, new species,
Chelydra serpentina 588
Eimeria striatula, new species, *Vir-*
ginia striatula 589
Eimeria tuskegensis, *Sigmodon*
ochrognathus, new host records
 3002
Eimeria whitakeri, new species,
Cryptotis parva 1049
Naegleria fowleri, water, National
 Parks 4701
 parasites, *Cyrtopodion scabrum* 3886
Plasmodium vivax, man 5050
Pneumocystis carinii, human immu-
 nodeficiency virus 2638
Toxoplasma gondii, cats 54
Trichomonas vaginalis, man, epide-
 miology 5005
Toxoplasma gondii 939
Trichomonas gallinae, pigeons 1313
 US Department of Health and Human
 Services, reports 5152

Utah

- Eimeria arizonensis*
Peromyscus crinitis, new host
 records 3002
Peromyscus difficilis, new host
 records 3002
Eimeria lachrymalis
Peromyscus crinitis 3002
Peromyscus difficilis 3002
Eimeria ladronensis, *Neotoma lepida*,
 new host records 3002

Virginia

- Giardia*, dogs 3875
Sarcocystis, *Aquila chrysaetos*, new
 host records 3438
Toxoplasma gondii, *Procyon lotor*,
 prevalence 3431

Washington

- Aggregata dobelli*, *Octopus dofleini*,
 new species 4369
Cryptosporidium
 man, epidemiology 1634
 river water 1634

USA cont.

Washington cont.

- dinoflagellates
Beroe abyssicola, new host
 records 2107
Bolinopsis, new host records 2107
Dryodora glandiformis, new host
 records 2107
Euplokamis dunlapae, new host
 records 2107
Pleurobranchia bachei, new host
 records 2107
Naegleria fowleri, water, National
 Parks 4701
Oodinium
Beroe abyssicola, new host
 records 2107
Bolinopsis, new host records 2107
Dryodora glandiformis, new host
 records 2107
Euphysa, new host records 2107
Euplokamis dunlapae, new host
 records 2107
Pleurobranchia bachei, new host
 records 2107
Pneumocystis carinii, human immu-
 nodeficiency virus, man 1734
Sarcocystis cruzi, cattle 512
Trichomonas vaginalis, man, epide-
 miology 5005

Wyoming

- Arvicola richardsoni* 3003
Babesia microti 3003
Microtus montanus 3003
Microtus pennsylvanicus 3003
Eimeria
Cynomys leucurus, new host
 records 2581
Lama glama, new host records
 1026
Spermophilus elegans 4327
 new host records 2581
Hepatozoon, *Microtus montanus* 3003
Naegleria fowleri, water, National
 Parks 4701
Trypanosoma, *Microtus montanus*
 3003

USSR

- Cryptosporidium*, cattle 1696
Eimeria
 cattle 1696
Clethrionomys glareolus 3008
Giardia, cattle 1297
Haemoproteus
Columbiformes 2655
Coraciiformes 2655
Isospora, *Clethrionomys glareolus* 3008
Isospora suis, pigs 1298
Leptomonas rigidus, new species, *Salda*
littoralis 2150
Microspora, *Acridioidea* 70
Plasmodium falciparum, man 978
 protozoa, man 1679, 2957
 protozoology, reviews 3033
 Azerbaidzhan SSR
Haemoproteus hachmasensis, new
 species, *Coracias garrulus* 4372
Plasmodium vivax, man 2962
 Kazakh SSR, *Haemoproteus gavrillovi*,
 new species, *Merops apiaster* 2655
 Moldavian SSR
Plasmodium, man 2960
 protozoa, man 2960
 RSFSR
Blastocystis anatis, new species,
 ducks 3491
Blastocystis anseri, new species,
 geese 4376
Eimeria, *Bunostomum*, sheep, epide-
 miology 1897
Ichthyophthirius multifiliis, *Alburnus*
 4585
Leptomonas mycophilus, new species,
Phytocoris 1333
Myxobolus dogieli, carp 3440
 parasites, freshwater fishes 3017
Plasmodium vivax, man 2962

Siberia

- Paratelothonia illinoisensis* var. *mes-*
seae, *Anopheles messeae* 1754

USSR cont.

Siberia cont.

- Sarcocystis sibirica*, *Capreolus*
pygargus 3498
 Ukrainian SSR
Plasmodium
 man
 control 5026
 epidemiology 5026
 protozoa, man, status report 2958
Pulicispora xenopsyllae, new genus,
 new species, *Xenopsylla*
skrabini 1346
 Uzbek SSR
Leishmania
 man 2555
 epidemiology 3200
Leishmania gerbilli
Meriones lybicus 2316
Rhombomys opimus 2316
Leishmania major
 man, epidemiology 2316
Meriones lybicus 2316
Rhombomys opimus 2316
Leishmania turanica
Meriones lybicus 2316
Rhombomys opimus 2316
Microsporidium italicus, new species,
Calliptamus italicus 70
Nosema maroccanus, *Dociostaurus*
maroccanus 70
Uveitis, *Toxoplasma gondii*, cats 3874
Vaccine development, *Plasmodium*
falciparum 4899
Vaccines (see live vaccines; recombinant
 vaccines)
 (see also Immunization; Inactivated vac-
 cines; Irradiated vaccines; Live vac-
 cines; Recombinant vaccines; Synthetic
 vaccines)
Vaccinia virus, *Plasmodium falciparum* 674
Vairimorpha antheraeae
Galleria mellonella, experimental infec-
 tion 3023
Mamestra brassicae, transmission 2223
Vairimorpha necatrix
 life history 4386
 ultrastructure 4386
Valine, *Crithidia oncopelti*, in vitro 4210
Vampyrophrya pelagica, Copepoda, develop-
 ment 4699
Variable antigen types, *Trypanosoma*
gambiense 2285
Variant surface glycoproteins
Trypanosoma 1360
 reviews 751, 2278
Trypanosoma brucei 129, 221, 725, 747,
 749, 1355, 1374, 1856, 2257-2258,
 3168, 3584-3585, 3594, 4523, 4527,
 4939
Glossina morsitans 1443
 pathogenesis 214
 reviews 2279
Trypanosoma congolense 4439
 in vitro 633
 rabbits 633
Trypanosoma gambiense 4964
Trypanosoma rhodesiense 3602
Vavraia culicis
Anopheles gambiae, Senegal 4387
 development 4387
 ultrastructure 4387
Vavraia multisporea, *Simulium damnosum*,
 Nigeria 2105
Vector-borne diseases
 dams, environmental legislation 4606
 human activity, reviews 3663
 irrigation, environmental legislation 4606
 man, epidemiology, assessment 4605
 remote sensing 1249
Vectors
 control 1607
 biotechnology 808
 environmental impact 908
 general account 907
 rural development, reviews 2322
 techniques, sampling 924
Venezuela
Anisuloboides jolivetii, new genus, new
 species, *Brachyomus histrio* 3937
Eimeria, cattle 3412

Venezuela cont.

- Leishmania*, man 3968, 4431
- Leishmania braziliensis*, man, epidemiology 816
- Leishmania chagasi*, man 3523
- Leishmania venezuelensis*
- Lutzomyia trinidadensis* 813
- man, epidemiology 813

Verapamil

- drug resistance
- chloroquine 357, 2862, 4186
- diminazene 881
- isometamidium 881
- pyrimethamine 2862
- Leishmania*, man 5040

Veterinary entomology, books 2496**Veterinary medicine**

- books, dictionaries 1643
- dictionaries 1654

Veterinary parasitology

- history 3360
- reviews 3028

Viability

- Eimeria tenella* 3329
- Giardia muris* 4242-4243
- Neospora caninum*, mice, bradyzoites 4698
- Pneumocystis carinii*, in vitro 2754
- Toxoplasma gondii*, bradyzoites 1632

Vietnam

- Anopheles*, reviews 311
- conferences, malaria 454
- Plasmodium*, man 2950
- Plasmodium falciparum*, man 2962
- Plasmodium vivax*, man 2962
- Sarcocystis*, man 4296

Vinblastine

- Leishmania* 2397
- Leishmania donovani*, molecular genetics, drug resistance 4077

Virginia striatula, *Eimeria striatula*, new species, USA 589**Virulence**

- Entamoeba histolytica*, rats 1407
- host parasite relationships, selection 1755
- Leishmania major* 4270
- Rhombomys opimus*, reviews 1827

Virus-like particles

- Entamoeba histolytica* 1323
- Hyalophysa chattoni*, *Palaemonetes pugio*, USA 2613
- Perkinsus atlanticus*, *Ruditapes decussatus*, interactions 1728

Viruses

- Eimeria nieschulzi*, RNA 271
- Giardia duodenalis* 742
- Leishmania*, RNA 4948
- protozoa
- interactions 1730
- reviews 3034
- Trichomonas vaginalis* 742

Vitamin A deficiency, *Plasmodium falciparum*, man 2694**Vonones sayi**

- Cosmetophilus*, USA, new geographic records 2152
- Cosmetophilus vonones*, new species, USA, new geographic records 2152

Water (see also types of water)

- Acanthamoeba*
- Germany 3768
- Spain 447
- Cryptosporidium* 2334
- control 1248
- detection 1610
- disinfection 356
- epidemiology 3368
- Puerto Rico 4118
- transmission 1909-1910
- reviews 830
- UK 2785, 3203, 3652
- USA 1634
- Cryptosporidium parvum* 82
- Giardia*
- epidemiology 3368
- Puerto Rico 4118
- Giardia duodenalis* 82, 2312
- Canada, transmission 306
- immunodiagnosis 889
- Giardia muris*, control 4760, 5120

Water cont.

- Hartmannella vermiformis*, *Legionella pneumophila* 949
- Henneguya doori*, dispersal 5145
- Naegleria*
- epidemiology 3368
- Germany 3768
- Spain 447
- Naegleria fowleri*, USA, National Parks 4701
- protozoa
- man, disinfection 404
- UK, transmission 2337
- techniques, detection, *Giardia* 3206

Water management

- Plasmodium*, man, control 1992
- Trypanosoma*, man, control 1992

Waterborne diseases, Malaysia 2318**Wenyonella**, poultry 1711**West Africa**

- Plasmodium falciparum*
- drug resistance, chloroquine 967, 1565
- man 967, 1276

Whipple's disease, *Giardia duodenalis*, man 3843, 4035**WHO**

- malaria, Thailand, monitoring 2926
- reports 2491
- tropical diseases 1264

Wild animals

- parasites
- Indonesia 3893
- reviews 4598
- protozoa
- Brazil, checklists 3945
- Germany, history 3771
- host parasite relationships 4583
- India 3450
- Trypanosoma* (*Trypanozoon*), Zambia, epidemiology 5006
- zoonoses 4127

WR-182393, *Plasmodium berghei*, mice 3684**WR-194965**, *Plasmodium falciparum*, in vitro 353**WR-238605**

- dogs, pharmacokinetics 5098
- pharmacokinetics 5098
- Plasmodium berghei*, mice 3684

WR-242511, *Plasmodium berghei*, mice 3684**WR-250547**, *Plasmodium berghei*, mice 3684**WR-250548**, *Plasmodium berghei*, mice 3684**Xanthine oxidase**, *Plasmodium falciparum*, in vitro 2869**Xenodiagnosis**

- Leishmania mexicana* 807
- Trypanosoma cruzi*, *Triatoma infestans* 3338

Xenopsylla hirtipes, *Pulicispora xenopsyllae*, new genus, new species, USSR 1346**Xenopsylla skrjabini**, *Pulicispora xenopsyllae*, new genus, new species, USSR 1346**Xenopus laevis**, *Trichodina xenopodos*, South Africa 105**Xiphophorus maculatus**, *Ichthyophthirius multifiliis*, resistance 2712**Xiphophorus variatus**, *Ichthyophthirius multifiliis*, resistance 2712**Yemen**, *Leishmania donovani*, man 33**Yugoslavia**

- Babesia canis* 220
- Blastocystis hominis*, man 3834
- coccidia
- pheasants
- control 324
- epidemiology 324
- Eimeria*, poultry 4335
- Eimeria sciurorum*, *Sciurus vulgaris* 2089
- Toxoplasma gondii*, fowls 2590

Zaire

- Babesia*
- cattle, epidemiology 2336
- Ixodidae, transmission 2336
- Glossina fuscipes* 2059
- Glossina tabaniformis* 2059

Zaire cont.

- Plasmodium*
- man 3829
- epidemiology 1504
- symptomatology 2546
- Plasmodium falciparum*
- human immunodeficiency virus, man 788
- man 1217
- pregnancy 2228
- Theileria*
- cattle, epidemiology 2336
- Ixodidae, transmission 2336
- Toxoplasma gondii*
- man 465
- epidemiology 1505
- Trypanosoma*
- Glossina*, transmission 2335
- man
- control 2344
- prevention 2344
- n'dama 497, 708, 2059
- epidemiology 2335
- Tabanus*, transmission 2335
- trypanotolerance, n'dama, productivity 2057

Zambia

- Glossina morsitans morsitans*, man, knowledge level 3645
- Plasmodium*, man 1674, 2001
- Plasmodium falciparum*
- drug resistance, chloroquine 1216
- man 3121
- Theileria parva*, cattle 688-689
- Toxoplasma gondii*, human immunodeficiency virus, man 1044
- Trypanosoma*
- goats 4458
- history 4705
- man, knowledge level 3645
- Trypanosoma brucei*, *Glossina morsitans* 765
- Trypanosoma congolense*
- drug resistance
- diminazene 4642
- isometamidium 4642
- genetic variation 2458
- Trypanosoma rhodesiense*
- goats 2080
- man 4872
- epidemiology 2302
- transmission 2302
- Trypanosoma* (*Trypanozoon*)
- Glossina morsitans*, epidemiology 5006
- Glossina pallidipes*, epidemiology 5006
- livestock, epidemiology 5006
- man, epidemiology 5006
- wild animals, epidemiology 5006
- Zanzibar**, *Trypanosoma congolense*, cattle, epidemiology 796

Zebrasoma scopas

- Balantidium zebrascopi*, new species, Australia 3942
- Paracichlidotherus leeuwenhoekii*, new genus, new species, Australia 3942

Zebu

- genetic markers, trypanotolerance 2287
- lymphocyte antigens, trypanotolerance 2287
- Rhipicephalus appendiculatus*, control 870
- Theileria lawrencei*, immunization 685
- Theileria parva*
- immunization 678, 684-685
- Rwanda, resistance 3105
- Tanzania, control 870
- Trypanosoma*
- Cameroon, control 2444
- drug therapy 2058
- Ethiopia 2058
- Gambia 2358
- Kenya, control 2442
- pathology 2226
- prophylaxis 856
- resistance, genetic polymorphism 2209
- susceptibility, genetic polymorphism 2209
- Trypanosoma congolense* 819

Zebu cont.

Trypanosoma congolense cont.
 drug therapy 803, 1799, 2361
 Ethiopia, epidemiology 803
 immune response 1799, 2169
 pathogenicity 719, 1839
 pathology 2236, 3120
 prophylaxis 2361
 susceptibility 1839

Trypanosoma theileri, Sudan 1296

Trypanosoma vivax
 drug therapy 1946
 haematology 4319
 Nigeria 4319
 pathogenicity 1838-1839
 pathology 4319
 prophylaxis 1946
 resistance 2210
 susceptibility 1838-1839

Zelleriella, taxonomy, Ciliophora, new species 107

Zelleriella gambieri, new species, *Tomopterna natalensis*, South Africa 107

Zelleriella garlandi, new species, *Kassina maculata*, South Africa 107

Zelleriella sandoni, new species, *Bufo garmani*, South Africa 107

Zenaida galapagoensis, *Eimeria palumbi*, new species, Galapagos Islands 1338

Zidovudine

Pneumocystis carinii
 human immunodeficiency virus, man 1327
 man 3050
 toxicity, man 1327

Zimbabwe

Babesia, cattle 510
Babesia bigemina, cattle, epidemiology 5032

Eimeria
 goats, new geographic records 39
 pigs 1691

Glossina, control 1604

Plasmodium falciparum
 man 1627, 3559

prophylaxis 4175

protozoa, cattle, control 4618

Theileria, cattle, epidemiology 2065

Theileria parva

cattle 510, 690
 epidemiology 2065

Theileria taurotragi, cattle, epidemiology 5032

Trypanosoma, cattle, control 4618

Zoalene

Eimeria, turkeys 1198
 pharmacokinetics 1234
 turkeys, pharmacokinetics 1234

Zoo animals, *Cryptosporidium*, Taiwan 2593

Zoological gardens

Babesia irvinesmithi, *Hippotragus niger*, South Africa 2730

coccidia

Kobus leche, UK 3399

rabbits, India 3428

Cryptosporidium, camels, USA 3432

Elmeria gozaishoensis, new species, *Capricornis crispus swinhoei*, Japan 3938

parasitology 1637

protozoa, primates, China 991

Sarcocystis falcatula, Psittaciformes, USA 3433

Toxoplasma gondii

birds, Australia 2589

Cebus albifrons, Colombia 2963

Cebus apella, Colombia 2963

Cebus capucinus, Colombia 2963

Phascogalea cinereus, USA 3883

Unicapsula, *Carcharias melanopterus*, USA, new host records 3018

Zoonoses

Cryptosporidium, sheep, general account 3232

general account 3032

Giardia

cats 1532

dogs 1532

India 2343

Leishmania, man, Tunisia 2341

Leishmania braziliensis 1531

Zoonoses cont.

Leishmania tropica

dogs, India 3230

man, India 3230

opportunistic infections 3055

parasites

cats 3233-3236, 3350, 3367, 3670, 4758

dogs 3233-3236, 3350, 3367, 3670, 4758

pets 2810

protozoa 5035

dogs, reviews 1915

Sarcocystis, man, Malaysia 5034

Toxoplasma gondii

cats 1532, 3055

dogs 1532

goats, Germany 2342

man 2340

sheep

general account 3231

Germany 2342

wild animals 4127

Zoothamnium, *Penaeus monodon*, Taiwan 3024

Zschokkella, *Trematodus bernacchii*, Antarctica, new host records 790

Zschokkella icterica, new species, *Siganus luridus*, Red Sea 2659

Zygocystis cometa

Allolobophora caliginosa, Poland, new geographic records 3444

Aporrectodea caliginosa, Poland, new geographic records 3444

Zymodemes

Eimeria tenella 279

Entamoeba histolytica, pathogenicity 3133

Trypanosoma cruzi 3178

Trypanosoma gambiense 768

Trypanosoma rhodesiense 768

LIST OF SERIALS ABSTRACTED

Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1992 for this journal. All the titles are given in full, except abbreviated titles taken from secondary publications such as *Referativnyi Zhurnal*.

Many other serials were scanned during 1992 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition*. The publication includes ISSNs and publishers' addresses.

- | | |
|--|---|
| AAV Today | Annales de Parasitologie Humaine et Comparée |
| ABCD, Arquivos Brasileiros de Cirurgia Digestiva | Annales de Pathologie |
| ACIAR Proceedings Series | Annales de Pédiatrie |
| Acta Agriculturae Universitatis Pekinensis | Annales de Recherches Vétérinaires |
| Acta Científica Venezolana | Annales Françaises d'Anesthésie et de Réanimation |
| Acta Clinica Belgica | Annali della Facoltà di Medicina Veterinaria di Torino |
| Acta Cytologica | Annals of Hematology |
| Acta Hydrobiologica Sinica | Annals of Internal Medicine |
| Acta Ichthyologica et Piscatoria | Annals of Neurology |
| Acta Leidensia | Annals of Ophthalmology |
| Acta Oecologica | Annals of Saudi Medicine |
| Acta Parasitologica Lituanica | Annals of Thoracic Surgery |
| Acta Parasitologica Polonica | Annals of Tropical Medicine and Parasitology |
| Acta Pharmaceutica Jugoslavica | Annals of Tropical Paediatrics |
| Acta Pharmaceutica Nordica | Annual Bulletin of the Society of Parasitology, Guangdong Province |
| Acta Pharmaceutica Sinica | Annual Report - Tsetse Research Laboratory, UK |
| Acta Pharmacologica Sinica | Annual Review of Fish Diseases |
| Acta Physiologica Scandinavica | Annual Review of Immunology |
| Acta Protozoologica | Annual Review of Microbiology |
| Acta Societatis Zoologicae Bohemoslovacae | Antibiotiki i Khimioterapiya |
| Acta Tropica | Antimicrobial Agents and Chemotherapy |
| Acta Veterinaria (Beograd) | APMIS, Acta Pathologica, Microbiologica et Immunologica Scandinavica |
| Acta Veterinaria Brno | Applied and Environmental Microbiology |
| Acta Veterinaria et Zootechnica Sinica | Applied Geography (Sevenoaks) |
| Acta Veterinaria Hungarica | Aquacultural Engineering |
| Acta Veterinaria Scandinavica | Aquaculture |
| Advances in Marine Biology | Aquaculture Information Series |
| Advances in Therapy | Aquaculture Magazine |
| Advances in Veterinary Medicine | Arab Gulf Journal of Scientific Research |
| African Journal of Medicine and Medical Sciences | Archiv der Pharmazie (Weinheim) |
| Afrique Médicale (Dakar) | Archiv für Experimentelle Veterinärmedizin |
| AgBiotech News and Information | Archiv für Geflügelkunde |
| Agri-Practice | Archiv für Protistenkunde |
| Agricultural and Biological Chemistry | Archives de l'Institut Pasteur de Madagascar |
| AIDS | Archives Françaises de Pédiatrie |
| Amazoniana | Archives of Animal Nutrition |
| American Family Physician | Archives of Biochemistry and Biophysics |
| American Heart Journal | Archives of Dermatology |
| American Journal of Cardiology | Archives of Disease in Childhood |
| American Journal of Clinical Pathology | Archives of Internal Medicine |
| American Journal of Emergency Medicine | Archives of Ophthalmology |
| American Journal of Epidemiology | Archives of Oral Biology |
| American Journal of Gastroenterology | Archives of Pathology and Laboratory Medicine |
| American Journal of Hematology | Archivio Veterinario Italiano |
| American Journal of Medicine | Archivos de Investigación Médica |
| American Journal of Ophthalmology | Archivos de Medicina Veterinaria |
| American Journal of Pathology | Arquivo Brasileiro de Medicina Veterinária e Zootecnia |
| American Journal of Perinatology | Arquivos da Escola de Medicina Veterinária da Universidade Federal da Bahia |
| American Journal of Primatology | Arquivos da Faculdade de Veterinária, UFRGS |
| American Journal of Public Health | Arquivos do Instituto Biológico (São Paulo) |
| American Journal of Respiratory Cell and Molecular Biology | Arthritis and Rheumatism |
| American Journal of the Medical Sciences | Arzneimittel Forschung |
| American Journal of Tropical Medicine and Hygiene | Ärztliche Laboratorium |
| American Journal of Veterinary Research | Asia-Pacific Journal of Public Health |
| American Naturalist | Asian Medical Journal |
| American Review of Respiratory Disease | Assiut Veterinary Medical Journal |
| American Zoologist | ATIP Working Paper |
| Anais Brasileiros de Dermatologia | Atti della Società Italiana di Buiatria |
| Anais de Faculdade de Medicina Veterinária (Lisboa) | Australian and New Zealand Journal of Ophthalmology |
| Analyst | Australian Equine Veterinarian |
| Analytica Chimica Acta | Australian Journal of Agricultural Research |
| Analytical Biochemistry | Australian Journal of Chemistry |
| Angewandte Parasitologie | Australian Veterinary Journal |
| Animal Feed Science and Technology | Autoimmunity |
| Animal Reproduction Science | Avances en Ciencias Veterinarias |
| Animal Science and Technology | Avian Diseases |
| Animal Science Research Report | Avian Pathology |
| Animal Technology | Aviation, Space, and Environmental Medicine |
| Annales de Biologie Clinique | Baillière's Clinical Rheumatology |
| Annales de Gastroentérologie et d'Hépatologie | Bangladesh Veterinarian |
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| Annales de Médecine Interne | |
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- Beiträge zur Tropischen Landwirtschaft und Veterinärmedizin
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 Blood
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 Boletín de la Oficina Sanitaria Panamericana
 Boletín Informativo - Manejo Integrado de Plagas
 Bollettino di Zoologia
 Bone Marrow Transplantation
 Brazilian Journal of Medical and Biological Research
 Brazilian Journal of Veterinary Research and Animal Science
 British Journal of Clinical Pharmacology
 British Journal of Clinical Practice
 British Journal of Dermatology
 British Journal of General Practice
 British Journal of Haematology
 British Journal of Hospital Medicine
 British Journal of Obstetrics and Gynaecology
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 British Veterinary Journal
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 Medicină Veterinară
 Bulletin de l'Académie Nationale de Médecine
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 Naturelles
 Bulletin de la Société de Pathologie Exotique et de ses Filiales
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 Bulletin des G.T.V.
 Bulletin des Séances, Académie Royale des Sciences d'Outre-Mer
 Bulletin du Museum National d'Histoire Naturelle. Section A Zoologie,
 Biologie et Ecologie Animales
 Bulletin of Animal Health and Production in Africa
 Bulletin of Noguchi Memorial Institute for Medical Research
 Bulletin of the College of Agriculture and Veterinary Medicine, Nihon
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 Ciencias de la Agricultura
 Ciencias Veterinarias (Heredia)
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 Clinical Neurology and Neurosurgery
 Clinical Nuclear Medicine
 Clinical Pharmacology
 Clinical Pharmacology and Therapeutics
 Clinical Pharmacy
 Clinical Radiology
 Clinical Rheumatology
 Clinics in Laboratory Medicine
 Comparative Biochemistry and Physiology. A, Comparative Physiology
 Comparative Biochemistry and Physiology. B, Comparative
 Biochemistry
 Comparative Biochemistry and Physiology. C, Comparative Pharmacol-
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 Compendium on Continuing Education for the Practicing Veterinarian
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 CRC Critical Reviews in Clinical Laboratory Sciences
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 Critical Reviews in Environmental Control
 Critical Reviews in Immunology
 Critical Reviews in Microbiology
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 Current Opinion in Genetics & Development
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 Current Therapeutic Research
 Cutis (New York)
 Cytobios
 Cytopathology
 Danish Medical Bulletin
 Delton tes Ellēnikēs Kiēniatrikēs Etaireias = Bulletin of the Hellenic
 Veterinary Medical Society
 Dermatologic Clinics
 Deutsche Tierärztliche Wochenschrift
 Diagnostic Cytopathology
 Diagnostic Microbiology and Infectious Diseases
 Dialogue on Diarrhoea
 DICP, The Annals of Pharmacotherapy
 Digestive Diseases and Sciences
 Discovery and Innovation
 Diseases of Aquatic Organisms
 DMB, Danish Medical Bulletin
 DNA and Cell Biology
 Doğa, Türk Veterinerlik ve Hayvancılık Dergisi
 Drugs
 Drugs under Experimental and Clinical Research
 East African Medical Journal
 Eesti Teaduste Akadeemia Toimetised, Bioloogia
 Egyptian Journal of Pharmaceutical Sciences

- Egyptian Journal of Veterinary Science
 Ekologija
 EMBO Journal
 Environment and Ecology
 Environmental Entomology
 Environmental Management
 EOS (Rome)
 Epidemiological Bulletin (Washington)
 Epidemiology and Infection
 Equine Practice
 Ethiopian Journal of Health Development
 Ethiopian Medical Journal
 European Journal of Biochemistry
 European Journal of Cancer
 European Journal of Cell Biology
 European Journal of Clinical Investigation
 European Journal of Clinical Microbiology & Infectious Diseases
 European Journal of Clinical Nutrition
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 European Journal of Protistology
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 European Patent Application
 European Respiratory Journal
 Evolution
 Experientia
 Experimental & Applied Acarology
 Experimental and Molecular Pathology
 Experimental Parasitology
 Experimental Pathology
 Eye (London)
 Farmers Weekly
 FASEB Journal
 FEBS Letters
 Feline Practice
 FEMS Microbiology Ecology
 FEMS Microbiology Immunology
 FEMS Microbiology Letters
 Fish Farmer
 Fitoterapia
 Fleischwirtschaft
 Folia Entomológica Mexicana
 Folia Parasitologica
 Folia Venatoria
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 Genes & Development
 Genes and Development
 Genetika (Moskva)
 Genitourinary Medicine
 Geojournal
 Ghana Medical Journal
 Gibier Faune Sauvage
 Giornale di Malattie Infettive e Parassitarie
 Great Basin Naturalist
 Gujvet
 Gut
 Gyobyo Kenkyu = Fish Pathology
 Haryana Agricultural University Journal of Research
 Haryana Veterinarian
 Hayvancılık Araştırma Dergisi
 Hepato-Gastroenterology
 Histology and Histopathology
 Histopathology
 Historia Medicinae Veterinariae
 Hospital Formulary
 HRC, Journal of High Resolution Chromatography
 Human Immunology
 Human Pathology
 IDRC Reports
 Immunität und Infektion
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 Immunology
 Immunology and Infectious Diseases
 Immunology Letters
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 In Vitro Cellular & Developmental Biology
 Indian Journal of Animal Health
 Indian Journal of Animal Research
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 Indian Journal of Experimental Biology
 Indian Journal of Malariology
 Indian Journal of Medical Research
 Indian Journal of Medical Research. Section A, Infectious Diseases
 Indian Journal of Medical Research. Section B, Biomedical Research
 other than Infectious Diseases
 Indian Journal of Medical Sciences
 Indian Journal of Pharmaceutical Sciences
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 Indian Journal of Veterinary Medicine
 Indian Veterinary Journal
 Indian Veterinary Medical Journal
 Infection
 Infection and Immunity
 Infection Control and Hospital Epidemiology
 Information - Abo Akademi, Parasitologiska Institutet
 Innere Medizin
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 JAMA, Journal of the American Medical Association
 Japanese Journal of Medical Science & Biology
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 Japanese Journal of Veterinary Science
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 JARQ, Japan Agricultural Research Quarterly
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 Journal - Association of Official Analytical Chemists
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 Kasetsart Journal, Natural Sciences
 Kerala Journal of Veterinary Science
 Klinicheskaya Meditsina
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 Korean Journal of Animal Sciences
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 Krolikovodstvo i Zverovodstvo
 Laboratornoe Delo
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 Lancet (British edition)
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 Letters in Applied Microbiology
 Liebigs Annalen der Chemie
 Lietuvos Veterinarijos Akademijos Mokslo Darbai
 Life Sciences
 M/S Médecine Sciences
 Magallat Buhut Ulum Al-Hayat = Journal of Biological Science
 Research
 Maghreb Vétérinaire
 Magyar Állatorvosok Lapja
 Malaysian Applied Biology
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 Marine Ecology, Progress Series (Halstenbek)
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 Medicine (Baltimore)
 Medicine International
 Meditsinskaya Parazitologiya i Parazitarnye Bolezni
 Medizinische Welt
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 Monatsschrift für Kinderheilkunde
 Morbidity and Mortality Weekly Report
 Mosquito Borne Diseases Bulletin
 Movement Disorders
 Münchener Medizinische Wochenschrift
 Mysore Journal of Agricultural Sciences

- NASS Publication - Ministry of Agriculture and Fisheries
 National Academy Science Letters
 Nature (London)
 Nederlands Tijdschrift voor Geneeskunde
 Neotropica
 Nephrology Dialysis Transplantation
 Nephron
 Nervenarzt
 Network Paper - African Livestock Policy Analysis Network
 Neurology
 New Biologist
 New England Journal of Medicine
 New Scientist
 New York State Journal of Medicine
 New Zealand Medical Journal
 New Zealand Veterinary Journal
 Newsletter - Centre for Tropical Veterinary Medicine
 Nigerian Journal of Parasitology
 Nomadic People
 Norsk Veterinærtidsskrift
 Norwegian Journal of Agricultural Sciences
 Notas Veterinarias
 Nouvelle Revue Française d'Hématologie
 Nucleic Acids Research
 Obiettivi e Documenti Veterinari
 Obstetrics and Gynecology (New York)
 Oikos
 Oléagineux (Paris)
 Onderstepoort Journal of Veterinary Research
 Ophthalmology
 Oral Surgery, Oral Medicine and Oral Pathology
 Orissa Veterinary Journal
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 Papua New Guinea Journal of Agriculture, Forestry and Fisheries
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 Parasitologia Hungarica
 Parasitology
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 Parassitologia (Roma)
 Parazitologiya
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 Pathology Research and Practice
 Pediatric Infectious Disease Journal
 Pendik Hayvan Hastalıkları Merkez Arastırma Enstitüsü Dergisi
 Penyakit Hewan
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 Pharmaceutical Research
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 Physis. Sección A, Los Océanos y Sus Organismos
 Phytotherapy Research
 Planta Medica
 Polski Tygodnik Lekarski
 Postgraduate Doctor, Middle East Edition
 Postgraduate Medical Journal
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 Poultry Digest
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 Practitioner
 Pratique Médicale & Chirurgicale de l'Animal de Compagnie
 Praxis Veterinaria (Milano)
 Presse Médicale
 Preventive Veterinary Medicine
 Primary Care; Clinics in Office Practice
 Proceedings - Annual Meeting of the United States Animal Health Association
 Proceedings and Papers of the Annual Conference of the California Mosquito and Vector Control Association, Inc.
 Proceedings of the Australian Biochemical Society
 Proceedings of the Indian National Science Academy. Part B, Biological Sciences
 Proceedings of the National Academy of Sciences of the United States of America
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 Proceedings of the Nutrition Society of Australia
 Proceedings of the Royal Society of London. Series B, Biological Sciences
 Progress in Drug Research
 Progress in Veterinary & Comparative Ophthalmology
 Progress in Veterinary Neurology
 Psychosomatics (Washington, D.C.)
 Publication - International Scientific Council for Trypanosomiasis Research and Control
 Quarterly Journal of Medicine
 Quarterly Review of Biology
 Radiology
 Rangifer
 Recueil de Médecine Vétérinaire
 Report - Hydraulics Research Limited
 Repositório de Trabalhos do LNIIV
 Research Bulletin of Obihiro University, I.
 Research in Immunology
 Research in Microbiology
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 Research Journal of Food and Agriculture
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 Reviews of Infectious Diseases
 Revista Argentina de Microbiología
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 Rivista di Parassitologia
 Roczniki Naukowe Zootechniki
 Saudi Medical Journal
 Sborník Vědeckých Prací Ústředního Státního Veterinárního Ústavu v Praze
 Scandinavian Journal of Immunology
 Scandinavian Journal of Infectious Diseases
 Scandinavian Journal of Infectious Diseases, Supplementum
 Schweizer Archiv für Tierheilkunde
 Schweizerische Medizinische Wochenschrift
 Science (Washington)
 Science of the Total Environment
 Sciences Vétérinaires Médecine Comparée
 Scientia Agricultura Sinica
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 Scottish Medical Journal
 Semaine des Hôpitaux de Paris
 Seminars in Veterinary Medicine and Surgery (Small Animal)
 Serodiagnosis and Immunotherapy in Infectious Disease
 Sheep Research Journal
 Shokuhin Eiseigaku Zasshi = Journal of the Food Hygienic Society of Japan
 SINET, an Ethiopian Journal of Science
 Singapore Medical Journal
 Social and Economic Research Project Reports, UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR)
 Social Science & Medicine
 Soobshcheniya Akademii Nauk Gruzinskoi SSR
 South African Journal of Science
 South African Journal of Wildlife Research
 South African Medical Journal
 Southeast Asian Journal of Tropical Medicine and Public Health
 Southern Medical Journal
 Sovetskaya Meditsina
 Special Publication - European Aquaculture Society
 Statistics in Medicine
 Suomen Eläinlääkärilehti
 Surveillance (Wellington)
 Svensk Veterinärtidning
 Systematic Parasitology
 Taiwan Journal of Veterinary Medicine and Animal Husbandry
 TDR News
 Technical Report Series - World Health Organization
 Technology and Development
 Técnica Pecuaria en México
 Teratology
 Tetrahedron Letters
 Texas Journal of Science

Thai Journal of Veterinary Medicine
 Therapeutic Drug Monitoring
 Thérapie
 Therapy of Infectious Diseases
 Thorax
 Tierärztliche Praxis
 Tijdschrift voor Diergeneeskunde
 Tissue & Cell
 Tohoku Journal of Experimental Medicine
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 Toxicology Letters
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 Transactions of the American Microscopical Society
 Transactions of the Royal Society of South Australia Incorporated
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 Tropicultura
 TROPMED Newsletter
 Trudy Zoologicheskii Institut, Akademii Nauk SSSR
 Trudy, Vsesoyuznyi Institut Eksperimental'noi Veterinarii
 Trypanotolerance et Production Animale
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 Ultrasound in Obstetrics and Gynecology
 Ultrastructural Pathology
 United States Patent
 Uspekhi Sovremennoi Biologii
 Utah Science
 Vaccine
 Vestnik Dermatologii i Venerologii
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 Vesti Akademii Nauk BSSR. Seriya Biyagichnykh Navuk.
 Veterinaria (Cremona)
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 Veterinary Medicine
 Veterinary Parasitology
 Veterinary Pathology
 Veterinary Public Health Reports
 Veterinary Quarterly
 Veterinary Record
 Veterinary Research Communications
 Veterinary Technician
 Veteriner Fakültesi Dergisi, Üniversitesi Ankara
 Virchows Archiv. B, Cell Pathology
 Vlaams Diergeneeskundig Tijdschrift
 Voeding
 Wageningen Agricultural University Papers
 Water Research (Oxford)
 Water Science and Technology
 Water, Air, and Soil Pollution
 Waterlines
 Weekly Epidemiological Record
 West Indian Medical Journal
 Western Journal of Medicine
 Wiener Tierärztliche Monatsschrift
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 World Health Organization, WHO/HST
 World Health Organization, WHO/MAL
 Xenobiotica
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 Zeszyty Naukowe Akademii Rolniczej w Szczecinie Rybactwo Morskie
 i Technologia Żywności.
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International Institute of Parasitology

Director, Dr R. Muller, located at Winches Farm, St Albans, Herts, AL4 0XU.

International Institute of Biological Control

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Manager, Mr C.J. Hamilton, have headquarters at Silwood Park, and operate document delivery and translation services.

Marketing and Development Services

MDS is responsible for the marketing of all CABI products and services, and for its development and training services. An important aspect is the establishment of effective partnerships with relevant development assistance agencies aimed at increasing the delivery of CABI services to developing countries.

Information Technology Services

ITS provide computing resources and services to all parts of CABI. A central computing facility is maintained with telecommunications access to seven remote sites, including the four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilities. The staff include database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CAB ABSTRACTS database and associated functions, plus accessions control, subscription management and electronic publishing.

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